

cagcccagag	aacaattact	atgtcagctg	gaggctatat	tatgattcta	aattctttaa	120
ggtttttttc	cctccataaa	tcaaaaatta	ccttatgtaa	acaaaaaatt	agttggtatt	180
tatggtcatg	atcttaattc	tcaagtttag	cttaatcttg	tatttcattg	tttgtcttct	240
aatatgacag	cttaaatcca	gattttttaag	tgactcagca	aaataggagg	agtgtcccaa	300
tttattagtg	ttgtacatat	tgaagaaaac	ctttttgttc	cttcagattt	agaaagaaac	360
agttaacca	tttatttctt	ggtattctgc	tgctg			395

<210> 2229

<211> 393

<212> DNA

<213> Homo sapien

<400> 2229

ggcacgagat	tatatggacc	ccctaagtct	tattttctag	taaactgatg	atactggaaa	60
ttcttttact	tgacatgcac	aagaataagc	tggaggcgat	tatttccttt	catacagagt	120
tcatgaattg	ttttaaatgc	ttcttaaagt	ctggctttat	aaccgtttta	aatcaactat	180
gatgatttta	gataaccaag	taggtattat	aatacaaaaac	aatttttaagt	gtaagaaact	240
atagtataat	caaagtaaat	tcagttattg	tatttgtggt	gttgccttgc	cttgcattgat	300
gctgggggaa	aaagagaaaa	gaaatggttt	tctttttgta	ctttcattca	gtgcacaggg	360
aaaaaagcat	gtattgtgcc	accggaagac	aag			393

<210> 2230

<211> 159

<212> DNA

<213> Homo sapien

<400> 2230

acaaacgatt	tctgttcatt	ctttaagcat	ctatatattca	tttgttgtgc	acatatgcat	60
atgagcccat	ttaagatatt	tgcatatact	tgatagaaaac	cataaagggtg	tagcagttta	120
gtccagccac	atttggttta	tcagtgtttg	atataattg			159

<210> 2231

<211> 394

<212> DNA

<213> Homo sapien

<400> 2231

cgttgctgtc	ggccatggtt	gtgacaaact	ctgaatacca	gaggacacaa	agggagagga	60
aaaactgttc	tatttttttt	ccccaggtac	atgtggaaaa	attttgctgc	actgaaaata	120
acccttgctt	ttctcttgct	ccaggctgcc	cttttcttgg	gcctgggggt	gttgttctcc	180
ttggtcagca	ttcccttggt	catctatgac	tgggcctgct	catcgagtag	tgacgaaggc	240
cactgaaacc	cgccgagaaa	aagaaacatc	cctgttgtct	gtcagacaa	gtccccacac	300
atcagcaatc	tctcaccact	tcttttgcaa	gtttacagaa	gcaaacagaa	atgtacagga	360
tacttaaaat	ggaataaact	tttggatgca	aaac			394

<210> 2232

<211> 395

<212> DNA

<213> Homo sapien

<400> 2232

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ggcacgagag actctgtctc aaaattaagt atctctaaat acaggattat aatttctgct      60
tgagtatgga gttaactacc ttgtatttag aaagatttca gattcattcc atctccttag      120
ttttctttta aggggaccca tctgtgataa aaatatagct tagtgctaaa atcagtgtaa      180
cttatacatg gcctaaaatg tttctacaaa ttagagtttg tcacttattc catttgtagc      240
taagagaaaa ataggctcag ttagaaaagg actccctggc caggcgcagt gacttacgcc      300
tgtaatctca gcactttggg aggccaaggc aggcagatca cgaggtcagg agttcgagac      360
catcctggcc aacatggtga aaccccgctc ctact                                     395

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<210> 2233

<211> 393

<212> DNA

<213> Homo sapien

<400> 2233

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cgctgctgtc ggggtcaccc tgcacaaaa cacatggagc agactgctga gccagctcag      60
gggaagcgga gagaccccag gagtgacggt gagaatgcaa ctacttgtc attacacagg      120
atatggcaga tcggatttga ccaacaaaat ggggaggaac tgatccagat gtggaatgtg      180
acagagaatc ccttcccact gccatggaac atttataaaa ataatacatc gttaatcaat      240
gaagaaaagg agccacacat ttaaaaaagc agaaatcgta caggccactt cctcagataa      300
ccattctaac tagggtaaaa ttatacatca ggactgaaac cacaacata taggaaataa      360
gataaagtct tttgggtttt ttgagacgga gtt                                     393

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<210> 2234

<211> 391

<212> DNA

<213> Homo sapien

<400> 2234

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gaaatctgtt ctttcacatt gcaaaacaga gtctgagagc aagaattcac attcgaaaac      60
ttcaggtgaa aagaaccacg tggaaaaaga taaaatgaat acattggaca ttttgagaat      120
ggagactaca gagagagaga atccagaagc tgaaactgta tctgtactcc tcaacacatg      180
gaagatcaat cgcgtaaaga ttttgaagag gaagatggca tattacagcc tgagaaaaat      240
gattcttttc aaaatatgca gccagatgag cccaagggtc ttagtgaatg tgtaagcggt      300
caagagaata ataaggcgga tgaacttaac caagtcccaa ttctaaggac tcgatttcag      360
aaaccaaagc caaatatagg aagaggaact g                                     391

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<210> 2235

<211> 396

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (396)

<223> n = A,T,C or G

<400> 2235

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ggcacgagag agagagagag agagagagag agagagagag agagagagag agagagagag      60
agagagagag agagagagag agagagagac tctctcactc ttgcgcgtgt atttatacac      120
acacacacgc gtgaagacac ctctctgtgt gcgcgcactc cccctctctt tgtttcgtga      180
gaactgtgtt ctttttgcca tatgtgtggc gctctatctc tttgtttacc ccctatatcc      240

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cccgctctac	acgttttctg	gcgcgcgtgt	gcattttttt	tgtgacgcag	gcacgggggg	300
gtgtgtgaca	tttttaaccc	ccncacgccc	cccctcgcta	cgatgtttctt	tctttctttt	360
tcgtccttgg	ccttttgcct	atagtgtatt	cccact			396

<210> 2236

<211> 392

<212> DNA

<213> Homo sapien

<400> 2236

ggcacgaggg	ctgacgtgga	ctgtccacag	tgttcatgtg	ctggagtcag	ggacggccgc	60
acctgcctcc	gccggctcca	gtgtgcgggg	agcctctgcc	tgagtgtgca	ccaggcccat	120
gtttattgac	cacagtctga	gcggggggga	aggggactgc	ggtggacacc	agaggaagct	180
gtttcctgtt	gtgatgttgg	acctgtagta	ggacatggtg	atttgttaat	ttccatggga	240
agccatgatg	gcctagcatg	gagggaaatct	gttcccaggc	cctgcctgga	agttgaggga	300
aagtttagac	atctgcagag	aggcaggcag	cccagcccag	gggacccgtt	cctcttgaac	360
cagtcattgc	ctgtggcaaa	tgtgtgtatg	aa			392

<210> 2237

<211> 395

<212> DNA

<213> Homo sapien

<400> 2237

ttgataaaaa	gtcaaagatt	agcaaagata	tatgctcatg	caataacaca	tatatgaagc	60
acagaagcaa	aagctggact	cagaacaaaa	atagcaagtt	gagccttaaa	cacactgagt	120
ttgccttggg	agtagaatgt	ccaggcagag	aagtccatca	ggcaattgaa	aatgtgaatc	180
tgcaacttgt	aaaaaatgta	ttattcagcc	tgggctgtca	tacaatagac	cacagactgg	240
ttggcttaaa	caacaaaaat	gtatttctaa	ccattctgaa	ggctagaagt	ccaagatcag	300
gatgtcagca	tggttgggct	ctattgaggg	ctctcttcct	ggcctataga	tggccacctt	360
cttgcctgtg	cctcacatgg	ctaaaagaat	aagag			395

<210> 2238

<211> 394

<212> DNA

<213> Homo sapien

<400> 2238

cgttgctgtc	ggcaggctgt	gatcggtatc	ctacagcctt	accctcgtgt	cctggatctt	60
ttccttccat	ttcctgtgta	cagccttttt	ggggacactg	ccgttacccc	actctagcta	120
gcatagtctc	gtctgtaggt	gctccataaa	ggtgatagga	ctgaccacac	cgtcaccttt	180
cccggaaacc	caagagggag	cgttccacag	agggagcgtg	tagtgggggg	aactgtttta	240
taaattaatc	cgtttattga	aagggttcaca	aggacaaaga	ggcaacagca	agagtcaggc	300
acagaaataa	aggacgcaga	agtagaagtg	cgccttggac	ctggaggact	cttccagagt	360
gtttatcact	tggtgacctg	gtaggagggc	tgcg			394

<210> 2239

<211> 396

<212> DNA

<213> Homo sapien

<400> 2239

ggcacgagga	ttgtcccagg	acctgaaggg	agcatggatg	gcctcagggc	ctgggtgaagt	60
ctgctactct	gtccttactg	ctgaacatcc	tgcttgatc	aggaaactca	gaagcagttt	120
gccttgtaaa	attcaatctc	aatggccatt	gtccacataa	ctgatcacc	atggctgcct	180
ctcctattat	ctattatcac	tgaaacttag	tagcctgctt	tttttttttt	tttttttaaaa	240
cctatgggaa	atttccttgg	ttgggaacct	tggccccggg	ttgggttttc	ccttcctttg	300
gaaaattaaa	acccaaaagc	cctttttttt	tgggtgaatt	accggagggc	cttgccctaa	360
ggggctgccc	tgccccttgg	ggggaataca	aaaaaa			396

<210> 2240

<211> 391

<212> DNA

<213> Homo sapien

<400> 2240

ggcacgagct	ttcttaaaac	catctaaaat	aaaaccttct	tatttttagta	gtgtcagtga	60
aaataagcag	tgacatttct	tagaattctc	agctttcaaa	tctacatgct	gtgatcctgt	120
ctgcctacca	tctggacagt	ttttgtttac	tcttgggttc	ccccatggag	taaaagtctc	180
aatcatcta	gcattgttgc	tcttatcctc	aggtgatcca	ccgcctcag	cctcccagag	240
ggctgagatt	acaagtgtga	gccactgcgc	ccagcctaca	gaggactatt	gagcatccaa	300
tgactatgct	aggtatgcag	gtatagtact	aagtaacagg	agttccta	cctaagaggt	360
tctccatcta	gcagaagaaa	accaaact	t			391

<210> 2241

<211> 392

<212> DNA

<213> Homo sapien

<400> 2241

ggcacgaggt	tgctcacagt	ggttcacgag	ttatcgaaca	tgatacagtt	aatgatttcc	60
gagagaagat	gatgtataaa	gctatacatt	gtgttcaaaa	tatgaaacca	gaggagtatg	120
ctcataagat	tttgaatta	cagatgcaca	gtataatgga	aaagaaaatg	aagaccaaga	180
gaaatattgc	caagcattac	aagaataacc	catcactaat	aactttcctt	tgcaaaaact	240
gcagtgtgct	agcctgttct	ggggaagata	tccatgtaat	tgagaaaatg	catcacgtct	300
atatgacccc	agaattcaag	gaactttaca	ttgtaagaga	aaacaaagca	ctggcaaaga	360
agtgtgccga	ctatcacata	aatgggtgaa	tg			392

<210> 2242

<211> 391

<212> DNA

<213> Homo sapien

<400> 2242

cggtgctgtc	gagaggttta	accttgggaat	aaaagaaaga	atcagcaa	acattatctg	60
agcctacata	cactttgtaa	aaagtatact	tccactgttc	agaattagat	gatggcacia	120
aacctgttga	ggtcttcatt	catccttaca	aatgtttatt	atgctgagt	tcccaggtga	180
ctggatacag	tggagtgaat	tagaaatttg	aaattattgc	cctgagggga	cctacattct	240
tcttggttga	gtgctgtctg	gtgggataag	gtagacaaat	aatataggaa	attcaaaaaa	300
ttgtttcaga	ccatagtaag	ttctatgcca	gaaatgaata	gtccatatga	taagagggaac	360
agacattgtg	agatgttggg	tctataggaa	a			391

<210> 2243
 <211> 396
 <212> DNA
 <213> Homo sapien

<400> 2243
 ggcacgagat aaaacccagc tgtgtaagaa ttattctaaa tttaaagttt attcttatta 60
 ccgtagggat aggaatgtca gcactcactg aattatggcc ttcctctcct gtgtctggac 120
 ctctggcag cttatggttc ccgtttcctt tggataacag gatacagctg gtggcaaaat 180
 tctcacctgt ggaatggcca ttgggagttt tcttctccat atagatcttt gcaaagcagc 240
 agaaaccatt tttgcaggaa accacaagcc tgtgttaaac accaaaagag aattgaaata 300
 acatgtccat gagttcctct ttctagaggt accaaccatc atgtgggatc ctaagtatag 360
 tgttaagtag ctctttgtcc tccccttcac tttgag 396

<210> 2244
 <211> 392
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 2244
 ggcacgagggc aggggtggagc cctctgagct gcccgtgat ctgcagcact ggatctccta 60
 caacgaggcc agcagccagc tgctccgcat ggagagtagg ctgagtgatg tcaccaagga 120
 ccagtgaccg ccaccttcac accgtctgcc ctggccacca tcctgggcct gggggctgcc 180
 cacagatggg cagtctcagc catactctgt tccagctgga gtagcctcct gaccagcctg 240
 gcccaccctg ctccaccac tgggcccccc cagttattga taccctctg tgetgggctc 300
 cacgctagggc agaaggagga gtggcattgg catcctgacc cagctctgcc ctcaaggtgg 360
 ggatggatgg gcaaaggaga gtccctgcctg gn 392

<210> 2245
 <211> 397
 <212> DNA
 <213> Homo sapien

<400> 2245
 cgttgctgtc ggttttcatc caattcctac tcgtagcagt acattagaaa ctacaaagag 60
 tcctcttatac attgataaaa atgagcattt tacagtttac agagatcctg cacttattgg 120
 gtcagaaaca ggagctaata atatttcacc tttcctaagc cagcatcctt ttcctcttca 180
 ctctcatct catagaacct gtttaaatac aggtacccat catcctgcct taactcctgc 240
 accccattta ctagccggat catctagtca aactccatta cctaccatta acactcatcc 300
 tctgactagt ggtccacacc atgctgttca tcaccctcat ttacttccca ctgtgttacc 360
 tggagtgcct actgcctcct tacttggtgg ccacca 397

<210> 2246
 <211> 396
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 2246
 ggnacgagnc cgctctccc tggcctgagg ttcaaaggcc tcatcggatg gtcagtacag 60
 tggggtcacc tgttgtttct atacaacagc agggaagggg ccatggagct tttccctgct 120
 ggggtgctcct gctttggccc agcccacctt tcctggtgct ccaagctagg aggctgtggc 180
 cccagcctga ggagggtgtc ctggcctcca ggtgtgcagc aggggctgtg tgctggggga 240
 gggtccagtt aggcgatggg atcctgcagt ggtctgggtg catttcttgg aaccagattt 300
 acctgaggag ctctgtcctg ctccctgtgg agggctccag atagctcaga aatgaccagc 360
 caatggcctt ttgtttgggg gcctgaggtc aagaga 396

<210> 2247
 <211> 395
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 2247
 cgttgctgtc ggggcgtaag cacatctctt ttctggactg gccgactcct ttctggctcc 60
 atcctctctt gagccttctc tgtccagctt aaagaaatcc ttgcagaaaa ctggtcagga 120
 tctgggtatg ggtgggaagg agcaaggaga ttgctctggg attggcagtc ctgttctcta 180
 tgaatcgggtg tcctttgggg aggcctggac tgaaatacta accagataac tccccccca 240
 cctccatgcg gagctgcatg tggattgaga gctgtttang gtaggccaaa atgctgtcaa 300
 gattctctta ccctgtgtct cttactctgg acagccctga gggtggctgc ctgccttctt 360
 ccttgctgtt tgatctaaaa tgcagggtgt tagcn 395

<210> 2248
 <211> 391
 <212> DNA
 <213> Homo sapien

<400> 2248
 ggcacgagcc tgaagccagt agacagtgga gaggtcgggt ggacgaaccc ggcgctgttg 60
 gaggacgacc tcagtgtgct cctgagcctg ggcattgggg cggtggctgt gctagacttc 120
 attcactact gcagagccac cgtgtgctgg gaactaaagg gaaacatggt ggtccttgtg 180
 cacgacagtg gagatgcgga ggatgaggag aatgacatcc tgctgaatgg cctcagtcac 240
 cagagccatc tgatactgcy ggctgagggc ctggccactg gcttctgcag ggatgtgcac 300
 gggcagctga ggatcctgtg gaggagacca tcgcagcccg cagtccaccg ggatcagagc 360
 ttcacttacc agtataagat acaggacaaa a 391

<210> 2249
 <211> 395
 <212> DNA

<213> Homo sapien

<400> 2249

ggcacgaggc	catctggccc	tcacctcccg	ccgtagctgg	ctgtgacgcc	cgccatgggc	60
acactggggc	agtgcagtga	gaagacgagg	atgccagca	ggctgacaac	ggtgcagaac	120
aggcagaact	tgatgaccgc	ggagccccgg	agcctgagct	tgttcacaaa	gaagccgccc	180
aggaaggtgc	cgccaccacc	cgctggcacc	accagcctct	caccagagca	gactgtcggc	240
ctcacatcac	ccccacctgc	aggagggcgg	ctctttcctc	tcggccacac	ctagagcctg	300
gttccgatga	acgcaactct	gaatgcctgg	aacattcaaa	tgctcttggt	tgaggaggtg	360
gccaaatgta	aatggattct	gaagaatcag	gaaca			395

<210> 2250

<211> 397

<212> DNA

<213> Homo sapien

<400> 2250

ggcacgagct	ggcggcatta	tctgcgggct	tatgctgaca	ctaagctggc	taatgtactg	60
tttggccggg	agctcgccaa	ccagcttgag	gccactggcg	tcacctgcta	tcagagccac	120
ccagggcctg	tgaactcgga	gctgttcctg	cgccatgttc	ctggatggct	gcgcccactt	180
ttgcgcccac	tggtctggct	ggtgctccgg	gcaccaagag	ggggtgcca	aacaccctg	240
tattgtgctc	tacaagaggg	catcgagccc	ctcagtgtga	gatattttgc	caactggcat	300
gcggaatagg	agcctccagc	tgctctagac	gaccgggcaa	gccatcgctt	atgggaggcc	360
agcaagaggg	tggcagagct	taggcctggg	gaggatg			397

<210> 2251

<211> 392

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 2251

actgcacgag	ggtcaatcca	acattgttta	tatcagttca	cccgtaatga	gaaacttcca	60
gatgcgaata	aactgctttg	agaagtatgc	acacggagac	agtgtaatgg	accaaaggca	120
tatataaaag	gtgaaaggaa	gcatgtttac	accaatgcca	aaaagcacat	gctaatttct	180
cttgctactc	ctgatcttac	tcttcattta	aagagatttc	agcaggctgg	ttttaacctt	240
cgcatagtta	acaaacacat	aaagtttccg	gaaatcttag	atttggtccc	tttttgcacc	300
cttaaagtga	agaatgttgc	agaagaaaat	acaagggtac	tctattcctt	atatggagtt	360
gttgaacaca	gtggtactat	gaggtcgggg	cn			392

<210> 2252

<211> 396

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 2252

tcttagacga	ccaattatag	gttatggagt	ataatattac	aagagtttcc	ggggagaaac	60
tttaggatat	actcggtttc	aagggtgtta	tctgcctttg	ttgtgggaac	agagtttttg	120
ttggaaaagt	ccgattgctc	tgggttatac	gagggggccac	ttctctgctt	tggttgccat	180
ggaaaatgat	ggctatggca	accgaggtgc	tgggtgcta	ctcaataccg	atgatgatgt	240
caccatcaca	tttttgctc	tgggtgacag	tgaaaggaag	ctactccatg	tgcacttcct	300
ttctgctcac	gagctaggta	atgaggaaca	gcaagaaaaa	ctgctcatgg	agtggctgga	360
ctgctgtgtg	acggaggggg	gagttctggt	tgccan			396

<210> 2253

<211> 393

<212> DNA

<213> Homo sapien

<400> 2253

cgttgctgtc	gattgccgtg	gcgagcgaca	agtcctcttt	tgccactcct	ggggtgaacg	60
tcgggctcct	ctgttctacc	cctgggggtg	ccttggcaag	agcagtgcct	agaaaggtgg	120
ccttgagat	gctctttact	ggtgagccca	tttctgcca	ggaggccctg	ctccacgggc	180
tgcttatcaa	ggtggtgcc	gaggcggagc	tgcaggagga	gaccatgcgg	atcgctagga	240
agatcgcgct	actgagccgt	ccggtggtgt	ccctgggcaa	agccaccttc	tacaagcagc	300
tgccccagga	cctggggacg	gcttactacc	tcacctcca	ggccatggtg	gacaacctgg	360
ccctgcggga	cgggcaggag	ggcatcacgg	cct			393

<210> 2254

<211> 388

<212> DNA

<213> Homo sapien

<400> 2254

ggcacgagga	tctttatgca	tttcccacta	ctcccttact	gtcttttagc	attcacagaa	60
aaagccaact	tgcttaaaga	ggaatcactt	aaaaggtagg	catatctaag	atgctcatag	120
aagaggaaga	atgggacatg	gccccatgct	tatttttgtt	tacaacgtaa	catggcatga	180
gagagggcag	agaaactaag	ttgctgggga	aagttagagg	aactgaaagt	ttgggaatag	240
gctgaccaca	tattatgcca	gtgaccagta	tgacaggaga	tggggccctg	ctgccagtca	300
tctccactga	ataaagaata	atgctcctct	ttcagggtaa	taaagtgggg	aaaaggaacg	360
tcttctcaat	gcaagaacat	aagctttt				388

<210> 2255

<211> 387

<212> DNA

<213> Homo sapien

<400> 2255

cgttgctgtc	gattttggaa	ctcaacccta	tgaacaatgg	gccattcaaa	tggaaaaaaa	60
agctgcaaaa	gaaggaaatc	gcagagaacg	tgtttgtgca	gaacatttga	ggaagtacaa	120
tgaggcccta	caaattaatg	acacaattcg	aatgatagat	gcgtatactc	atcttgaaac	180
tttctataat	gaagagaaag	ataagaagtt	tgcagtcata	gaagatgata	gtgatgaggg	240
tggatgatgat	gagtattgtg	atggtgatga	agaatgatag	gatttactca	accctttgaa	300

actggatgaa acagatagat ttctcatgac tttatTTTTT gaaaacaata aaacgttgaa 360
aagggtggct gaaaaccag aatatgg 387

<210> 2256
<211> 385
<212> DNA
<213> Homo sapien

<400> 2256
cgttgctgtc gcttattttt gtctttcact atcgaggcc ttagaagagg tctacctgcc 60
tccagtctta cctagtcag tctacccct ggagttagaa tggccatcct gaagtgaaaa 120
gaaatgtcac attactcct tcagagattt cttgtagaag agccaatccc tgaatgccac 180
caagatctta atcttcacat ctttaatctt atctctttga ctctctttta caccggagaa 240
cggctccagc tgttctagct ctctttcagt tctttgaacc tccccacctt agggctctata 300
agggctccctc tgcccaaaat ggtctactct cccttcttct tcaacacatc cttcagttta 360
agcacttgct tctctcagtt taaac 385

<210> 2257
<211> 388
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(388)
<223> n = A,T,C or G

<400> 2257
ggcacgaggt ccagccctgg taatcctgat gcagagggtc cacaaccaca tttgggaaat 60
gttgacctaa tgcacagcag gaaagcactt tcatttgcta agaagtttcc atatgaaggg 120
ccacgcagac ctgagcatgt agaaaggcaa ggggccaggg aagttactag aacactgact 180
ctgggggttat attgcctggg tttgaatcta atcttggtcg ctactgggtg atgctaccca 240
aggtgtctgt accttcattt cccacactgt agaaatatagg ataggatagt ggaaggtatt 300
gagatgagct gagaccatct gcatagaggg cttaacatag tgactgggac ttancaaagt 360
ctccatgagt tatgattgct ggcaactgg 388

<210> 2258
<211> 389
<212> DNA
<213> Homo sapien

<400> 2258
cgttgctgtc ggctgaagct gtcaccttgt ggaatatcag atattaagga tggccagaag 60
ggcagtgggc agagccagag agtgtttctt gaagcctgtg acagatttga agggcctgtt 120
tcatatatct ataaactgaa gagctacatt gtttaaagaa ttttaatttg aaataaattt 180
accctgagat gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt 240
atgcatatat aaataccacg gccaagagga ccatcccttc ctttatctga gaaaggaagt 300
atacaaaatc cgcatacaatt taccggcacg agtccccctg cttgcattgt aggtgtcaaa 360
gcccgggtgc ctgatcttga cataggaag 389

<210> 2259

<211> 385
 <212> DNA
 <213> Homo sapien

<400> 2259
 tacggttgct agattacgac agaaggggcg tcagatggga gtgctgttta accttttcag 60
 gaactgtcag actgttctga agaggggtaca ttattttaca ttccaaccag cagtgtatga 120
 gaattccagt ttatccacat cctcatcaac agttgttttg tctgtctttt ttattatatt 180
 catctcgcat gtgaagcgcg tatctcattg tggctttgat tcacctctcc ctgacgggtg 240
 acgacccacac ttctcattgc gtagcctcat tacctccccg cggcctttct tcatacactg 300
 gttgctccag gaattacctc attcatctcg ccccgattt cctgttgcg cccgcttcct 360
 attccccctc ctccgccttc gtccc 385

<210> 2260
 <211> 390
 <212> DNA
 <213> Homo sapien

<400> 2260
 cgttgctgtc gctctgaagg aggtcttcaa ggagtatttg attgaactgt ttttcttgca 60
 acactttcaa ggggaacatga tggatttctt agctttcaag aagaaacatt atgccccatt 120
 acaagcatat cttaggcaga atgatttgga cattgaagaa gaggaggagg aggaggaaga 180
 ggaggaagaa aaatctgagg ttatcaatga cgagcaagcc ctgcgaggga gcctggtagc 240
 agggggccgga agcacagtag agacggacct gtttaagagg cagcaggcga tgccctccac 300
 aggaggaatg cccccacgc cgcaagccgc gcagctcgct ggacagaggc agagttagca 360
 gcagtatgac cctccacgg ggcctcccg 390

<210> 2261
 <211> 386
 <212> DNA
 <213> Homo sapien

<400> 2261
 ttttacgatt ctaaaatcct aacagatttt aactgttgct taaatattat ttcttggtat 60
 atatagcttt ttaagtctgt ggggtcaaaga tagatgtact catttgagac ttagtgattt 120
 gttttataag tatgttgaat aagttgagcc agtttggaatt gtgtccttct cttttaaaga 180
 aaagatttcc caaattttaa cctggattta gatgtttttt ggggttaacc tactgaactt 240
 tccaaaattt tcaggcttct gggcctaact caaactgtaa tttcatgagg cgggccaagt 300
 gatttttaat ctcatTTaaa agttaccata agctctactt gaaccatttg ggtttttagta 360
 taataaaaagg gcacatgtat tgggtt 386

<210> 2262
 <211> 389
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 2262

cggtgctgtc	gatcattttg	atatttcatt	ctgattttctg	attctctgat	ttctgattcc	60
taatgaggac	agtaggtctg	gatccaaatt	ctcacagtaa	aatcaagcag	taattttctc	120
tcatatctat	tagggaaaga	aaaatgatca	cagtctgcta	agagtcttga	ttttctttgt	180
aatgcctcac	atagtatgat	aatcagtcctc	caaagcatca	catgataatt	acaatgatac	240
cattaacatg	tcaaggaaat	tatattattt	atggttgtca	aaaattatga	agtagtgtat	300
gattataagc	agatatggca	aatttgttca	gtaaatccat	agatgactac	attttgagaa	360
atactaagat	aatactaaaa	attatgcn				389

<210> 2263

<211> 388

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(388)

<223> n = A,T,C or G

<400> 2263

ggcacgagcc	ccagtttttg	ggctcacttg	tcctgtatcc	taacaactat	ttacatagta	60
tttacattat	attagccatt	gtaagtaatc	tagagatgat	ttaaagtata	tggaaggatg	120
tgtgtaaatt	gtatgtgaat	acaaacattt	tatataaggg	acttgagtat	ctgtggatct	180
tgatggggta	gggggtgtcc	tgaaaccaat	cccccttggg	tactgaggga	tgactataca	240
cttaagccac	cagacatctt	gcatatcata	gacaattgtt	tgggggccat	gagctttaat	300
tacaaaatgt	aatgctggga	gaacatagag	aagagtgatt	ttgtttttta	aatgtacact	360
tgaatctgta	gaaatatact	acatttgn				388

<210> 2264

<211> 386

<212> DNA

<213> Homo sapien

<400> 2264

ggcacgagac	taaaccctcc	cctagctttg	gtttcccccg	cagtctgaag	actctaatac	60
ttgacactcg	ttcagagaga	tgtttgggga	atttatagac	acttaacatt	tatgcatcct	120
tatatatcgg	gggcgggagg	aattacagac	acttaaacca	ttactgcctt	cttcctcaaa	180
agaataacag	ctttggtaac	tgggttagca	gaggtgtag	tggacttagg	gttgtaaaca	240
gatactcatg	gcactgacat	cgatgagtct	atgagggaaa	ttagaaagat	aaatacatct	300
gggatgtaaa	ctcggaaaagg	cgaggctgtt	caaaatgttg	gtgctattga	attgtgattc	360
tcggtgtttg	tacattgcta	ataatg				386

<210> 2265

<211> 389

<212> DNA

<213> Homo sapien

<400> 2265

ggcacgaggc	tggcccatct	ggactcatgg	tagtggttaa	gaactggatt	actgcaatag	60
ccagggtctg	ggcctatgtg	ttcatggttg	gaaggcaaaa	tgtgtcaggg	tctgggtacc	120
agttaattac	ttaaagctga	taaactaggc	tgggtgcagt	ggctcatgtc	tgtaatgcca	180

```
gcagtttggg aggccaagac aggtggatca cgaggtcagg agttcgatac cttcctgacc 240
aacatggtga aaccccgttt ctactaaaaa tacaacatt agctgggcat ggtggcacgc 300
acctgtaatc ccagctactt gggaggctga ggcaggagaa ttgcttgaac ctgggaggca 360
gaagttgcag tgagctgaga tcatgccat 389
```

```
<210> 2266
<211> 389
<212> DNA
<213> Homo sapien
```

```
<400> 2266
ggcacgaggg aacatgaggg aatgggcaag cctagagatg gtttcatgcc atctctagct 60
ttgggagcca aattctgaaa cagaaacttt ctgtttccca taattctccc tcaacctcac 120
atTTTTatat ccatttggat gcagaggcaa tatccccatt ttacagcaga gggagatacg 180
atttagttgc aactacatac agtttagcaag aggtagagcc aagactggaa tcttcagttg 240
ctagcttcag aatctgtgct ctttgtgtgc aaaatcattt ctaagcaaga acaaggattc 300
tagattgtcc tcataccttac tacagagtca tatcagactc ggggcaagac ccaaaggctg 360
caggcaccct gggcagggttc ataatttgg 389
```

```
<210> 2267
<211> 390
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G
```

```
<400> 2267
ggcacgaggt ggtaagaat ttataccctc caaattatgc gtctggtgcc ttggttgaaa 60
gtattctcac ttcattggtt ctgtattaca ggtacggtat tctcaccaaa atcatttctc 120
tttgaatta tgatactgat tttaatgccg cacatttgca tactatatgc ttgttacagt 180
gatccccaca gtaactcatg aagcagccac tcattgtaca aatgaacgtc tccatataat 240
agtttagcta ttatacagta catggcagaa acacaattca aactcaagtt tatacgaata 300
ctttcaagtc tccttacctg agagcagaaa gtgacattta aatttaaagg agttcccagc 360
ctttgttttc agtgcagttt gtttcatggn 390
```

```
<210> 2268
<211> 390
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G
```

```
<400> 2268
ggcacgaggt gtgggattac agttgtgagt cactgtgccc agcatggagt ttcttatatc 60
aggtgtttta gggagctcgc ttgcttattc cattctttaa tccttacagt gtgccacacg 120
```


tataaagttt	ataacgtatt	aatgatctca	ttacccaaaa	ccagaacata	atttcacaag	180
ggttcctact	tctgtattgt	tttattatct	caaaaattta	aataacatgt	tctgctgggt	240
attggctctg	ttatccactg	tattagcacc	ttccctgatg	tgctttggag	gttgatcaat	300
gaatttctga	gactttctgc	tggaattact	ttaagggtgt	cttattagat	gatgaaaagt	360
tggtcgagac	acccttcaag	tgaccatgtn				390

<210> 2269

<211> 387

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(387)

<223> n = A,T,C or G

<400> 2269

ggcacgagcc	taaaccatga	gtcctttatt	tgtaaagggg	acattagcca	ctctccagca	60
acagccctgg	tactttctca	gtcctgggat	gggacgtatg	attagcctaa	gcgaaccaga	120
aaatccaggc	ccgtgaccag	tgacttgatc	agggctggcg	atatatctag	gtaggccaac	180
caggtggact	cagtattttt	gtgggtgcta	ctggaaaatt	tatttaattc	taactgaatg	240
tagaaacagc	aacagacatg	aaatggcagt	tgtattgctg	tcttatcatg	aggtgagggc	300
ctgaagctat	ggtagccacc	ctgtgaacct	tggaaggagg	gttctacagg	aactggcaga	360
gctgagactg	ggacgcaacc	catgtcn				387

<210> 2270

<211> 385

<212> DNA

<213> Homo sapien

<400> 2270

ggcacgaggc	tgcatcaagc	tggggctctg	agtccaggct	tttggactga	aacaaggacc	60
tgaaacatct	aaaactacct	cttgattcta	taggaaggag	ataggtgctg	aacttgctca	120
agagcccaga	gagctggttg	tagctcacac	ccgttccctg	ggcatgtgtg	ttctgtcctc	180
ggctgcctcc	caggagtcct	caacctgggg	tagtgtaa	tctgtctctg	cttattatca	240
gacgtgtgtc	cggaggtggg	cgtgtttcac	agtggggatg	ggggtagggg	ggtccccaat	300
gtgctaagct	acaatcattc	tccctgagat	tttcatttag	caccagttt	cttaaacagt	360
gtttcagggc	cctgtctgga	acttg				385

<210> 2271

<211> 386

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 2271

ggcacgagga	aggcagttat	atggnttttt	actttttcat	caattccata	ccatcgggag	60
------------	------------	------------	------------	------------	------------	----

```

taactaaatg aaacatactt caaagaaaga agtcaaatta aatgactgtc attgcccatt      120
aataaaaaaca acaatctgag ctttaacaaaa aatttaacaa acaggggaaga cagaaagatg      180
gtatattttat tgcctgacta cactggcata actcacttta acaaaaaatta tcacatttaa      240
taatataacc tggtatagct aaatattaaa cacatattaa ttagggccaa ctttgaagga      300
tttctaattc atccatttcc ttattcacta ttatatatga agcactacac taggtgcagg      360
gtcattataa acaagttttt tcttttg                                     386

```

<210> 2272

<211> 388

<212> DNA

<213> Homo sapien

<400> 2272

```

ggcacgagct tagccatcca ttgtgtctca aaactgtttt ggaggtgaat aactgtgagg      60
caggatggag aaccttttgc tctcccatcc agaagggcac ctaaccaggc ccctggagca      120
gacaaaagga gcaggaagtc aatcacttcg atcccagttc tctgaagccc aagaagaaaa      180
cggattttcc ttcgttttgg ttccggaggcc tagtagagaa tttggattcc accaagtctt      240
cttttttcaa aaaaagtaaa cgggtccagag cagacaaaaa ctgtggaaac ttgaggcctg      300
ggtagtagtg gttttgtttg attttgaggc tttaaagaga taaggagacg gtgggtggagc      360
tccgccacgc cgcgtggctc tcacttcc                                     388

```

<210> 2273

<211> 390

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 2273

```

cgttgctgtc gcttatgtcg tattgcttta cagccactac acttggattc ctgttgatta      60
acttctccat tctcttaagc acctttagaa gatttagaag tttcctagtt ttaagtgttt      120
caccagcaag tattccatac ctacttgatg ttgctggtct ggtgtcttat ttctaaagt      180
gaagcatctt tttttaaaa agaatttgat tgacaatata tccagtccaa tataagtatg      240
aaggattctc tctcctgaga ttgtagcagg cagccaaaca ttttcaaag atgcccaagg      300
ttttagctgt cttgtgtgca tccacagtct gcgaagaaga catgataagg acatcagggg      360
gccacaaga ctccataatag cctcactacn                                     390

```

<210> 2274

<211> 389

<212> DNA

<213> Homo sapien

<400> 2274

```

ggcacgagcc ggggcggggc ggggcgaggt cctaactagc tgggttagta agcggcgcga      60
gcgtgcgagt ttctgtcgcg cccgcgtcgt cccagctccc tggactacca gtattgtcgc      120
ccacgtgggc ttctctttcg tccgctcagg ctcactttt ctccgtaaac accccggcac      180
gatggagcgg ccccgagcgt cgggagcggc cgggagcgg aaagcggcag tgtcctggga      240
gcctcgaaag ccgcaggggc ggcagctcgc ctcggaatga cctctgacgg aagaaataaa      300

```

acgggggcctg ggacgcttgc acgaaagaac ccgacaaaaa ccagagcccc cactcactct 360
cgtactgggg aggtggactt cagggaggg 389

<210> 2275

<211> 389

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(389)

<223> n = A,T,C or G

<400> 2275

ggcacgagac actgtcttga ctaanaaaaa taaaaggggg aaaaaaaaa angggcgggtt 60
ggttttttggg gcccacaaaag ggggttgggga aaccccgggtt tttttgcctt atgccccccc 120
ctggacttcc ttgggaaaaa aagcctattg gcctttccca aaaaactttt ttttcaaaag 180
gaccggcttg tgggaaaaaa gcccccttg gggctttttg ggggggggta aaccccaggg 240
agaccggga acctcatttc ttggccccgg tttttatttt tttgtaagct tttgaaaaac 300
attttttttg cccttttttg gggaggcccc cccttttata accccaggga aacaagggtg 360
caaactgcct aagacttccc cggggtggc 389

<210> 2276

<211> 390

<212> DNA

<213> Homo sapien

<400> 2276

ggcacgagcc cgagcggggc tgggactctt ttaagatgcc cacgttcgca cagagacccc 60
ggatcgcgga agctcgcgtc tcgaaaggcg gtctcacgcc ctgcccgctc tgggttcacg 120
gtttttcatc acctgcggct gtctcgcat cgaccacagc tgtgcaggag gggcaggagg 180
tatctgttgc tgcagttacc ggaacctttg ccaggactag tacaggacca cgggctggta 240
gtcagggat gtctcgactg tgagttacag ctgcacgctc tccaggaaaag aaggaatttc 300
ctcttctctg gaaacccac cacacagctg gtttctcatt ggtgctgctt gcccatcccc 360
tgagctgtga ctgccagagg agtgggaggt 390

<210> 2277

<211> 386

<212> DNA

<213> Homo sapien

<400> 2277

cggtgctgtc ggcagaggcc atagccatag ctgggggtca aacgagctgt cccggggggc 60
cagaggccgg acaatgccaa gcccacccg gacctgaaac tgcaggctgg ctccgacctc 120
cggaggcgac ggcgggacct tggccctcat gcagagggtc agctggcccc gagggatggg 180
gtcattggcc ttaacccctt gcctgatgtc caggggaacg acctccgtgg cgccctggat 240
gccagctcc gccaggctgc ggggggagct ctgcagggtg tccacagccg gcagcttaga 300
caggcgctg ggccctccaga ggagtcctag cacctgctgg ccatgagggc cacgccagcc 360
actgccctcc tcggccgcag cagggg 386

<210> 2278

<211> 385
 <212> DNA
 <213> Homo sapien

<400> 2278
 ggcacgaggc aaagcctcgc ggcgaggata gcacgagtat tcaagcgcgg ctgaggccct 60
 ccttggctag tgctgggaca tggagccccg gcagccaagg ccaaccttgt gcattccgcc 120
 cacgtaggcg cctggggccc tggctctcct cgactgcctc tccactgcct ggaggtcatc 180
 aaatgccccct ggaccacctc ctacgtgcca cacgctgtgt tggccatcca aggttccata 240
 ttgagcataa aacagccctc tgccttaaag gagttaacct gttggaatca catacaaagg 300
 attctgacta ccaagcgcct tgaagttaag ttgaactctg aagacagatt gcctggctac 360
 aaagctcagt tccactacat atgggt 385

<210> 2279
 <211> 390
 <212> DNA
 <213> Homo sapien

<400> 2279
 ggcacgaggt gtccttcctg accttccact tccaccatgt gccgacactt ccctgacccc 60
 agtaacctct tctcttgggt gggatgaatgc cacctgctga tgtctgattt attcatcggt 120
 tttcttgtct gtagtctgtc ccccttgggg acagggactc gttgctcatg ttcacccggc 180
 aggctggaca cttcgtggag ggctccaaag ccggcagatc ccggggccgc ctctgtctct 240
 ccagggccct gcgtgttgcg gtgagaggag catttgtgtc tctgtggttt gctgctggag 300
 ctggtgaccg ggagagaaac aaggggagaca aggggtgccc gacaggtgcg gtgctcatcc 360
 aggaggcaga agacgtggac gtgtcccggg 390

<210> 2280
 <211> 386
 <212> DNA
 <213> Homo sapien

<400> 2280
 gttgctgtcg ctcacgcccc acaaaacccc acagccccca cccccgtccc ccccaatgaa 60
 gctggagttg aagatcgcca tctcagaggc cgagcagtct ggggctgctg agggcactgc 120
 gtctgtcagc ccccggcccc caatccgcca gtggcgaact caggaccaca ataccccagc 180
 acttctccct aagccctctc tgggcccgaag ctactcctgc cctgatctgg ggccccctgg 240
 ccaggtacc tgcacctggc cacctgctcc accccaacca agccgaccac ggccgcggcg 300
 gcacactgtg ggtggtgggg aaatggcccc agccccgcca cccctcggc cctgtctccg 360
 gaaagagggtc ttccctctcg gaggaa 386

<210> 2281
 <211> 390
 <212> DNA
 <213> Homo sapien

<400> 2281
 ggcaccaggc gctttgtgac tggaggctct cgtgggcagt tctatcagtg tgacttagat 60
 ggtaatctcc ttgactcctg ggaaggggta agagtgaat gcctttgggtg cttgagtgat 120
 ggaaagactg ttctggcatc agatacacac cagcgaattc ggggctataa cttcgaggac 180
 cttacagata ggaacatagt acaagaagat catcctatta tgtcttttac tatttcaaaa 240

aatggccgat	tagctttggt	aaatgtagca	actcagggag	ttcatttatg	ggacttgcaa	300
gacagagttt	tagtaagaaa	gtatcaaggt	gttacacaag	ggttttatac	aattcattca	360
atgtttggag	gccattatga	aaacttcatg				390

<210> 2282

<211> 390

<212> DNA

<213> Homo sapien

<400> 2282

gcggagcgag	caacacagtc	ctttttcttt	cgtgcgctcc	gggccaaggc	ggaaaaagac	60
gaggacagtg	ttcctcacag	tactggacag	ctcacagtcc	gggctaagca	ggggctacct	120
tcacggacca	taaaactcca	agaggctcaa	gaaggagacag	atcagccatc	acttcatggt	180
caactttgtc	agggagcgct	aggagccagg	aatttacctg	tgcggccaga	tggcaccttg	240
aactcatttg	tttaagggctg	tctcactctg	ccagaccaac	aaaaactgag	actgaagtcg	300
ccagtcctga	ggaagcacgc	ttgccccag	tggaaacact	catttgtctt	cagtggccga	360
acccagctc	agctgaggca	gtcaagcttg				390

<210> 2283

<211> 385

<212> DNA

<213> Homo sapien

<400> 2283

ggcacgagga	cttctcagcc	tgccgagcgt	actggaagac	aacgctctct	gctgagcaga	60
acgcacacat	ggaggctgtc	ctgcagagaa	gtgccgcgca	catgaggcac	cttttgatgt	120
cccagcagac	cctgaggaat	gtgccaccga	tagtgtttga	tcaagacaag	ggaaatgcag	180
ctctagctga	gcttgatcag	ttactggcag	tcgcagactt	tggacccccg	gatgaaagag	240
acaactttgt	acaaaatgat	ttcagggacc	ctgatgcccc	acaaccctgc	ggcaccacag	300
agccgaccac	aagctccagt	ctgtgtggga	tcgatcatga	ggcgcctcaac	aagcagatta	360
tggagtacaa	aaggaggaaa	gataa				385

<210> 2284

<211> 386

<212> DNA

<213> Homo sapien

<400> 2284

ggcacgagag	tcaagattgg	ctgcctcatg	ttgaggttca	gagttacgac	tcggactgga	60
cagaggcgcc	ggcagctgtg	gtgattggcg	gggagacctc	cggcgtgagc	ctggagtccc	120
tgacgtggc	cgagagcact	ggtggcaaga	ggctgctgat	ccccgttggt	cctgggtgtg	180
acagcctcaa	ctcggccatg	gcggcaagca	tcttgctttt	cgaagggaaa	agacagctgc	240
gggggagggc	ggaggacttg	agcagggaca	ggagttacca	ctgaggacgc	agaagtgact	300
tctgcttgag	gacgtctgca	gctcctccta	caccagcaca	ctggtgggag	gctggcggag	360
tcagtgacta	tggccccac	gttcag				386

<210> 2285

<211> 385

<212> DNA

<213> Homo sapien

<400> 2285

ggtgatggag	ctgaaattgc	agaaaaattt	gttttcttca	ttggcagtaa	aaatggggga	60
aagactacta	ttattctaag	gtgtcttgac	agagatgaac	cacaaaaacc	aaccttagct	120
ttggaatata	catatggaag	aagagcaaaa	gggcacaaca	cacaaaaaga	tatcgctcac	180
ttttgggaac	tcggtggagg	aacctcttta	ttggacttaa	tcagcatacc	catcacaggt	240
gacaccttac	ggacgttttc	tcttgttctc	gttctggatc	tttcaaaacc	taatgatctc	300
tggcccacca	tggaaaatct	cttgcaagcc	acaaaaagcc	atgtagacaa	agtgataatg	360
aaactgggaa	agacaaatgc	taaaag				385

<210> 2286

<211> 389

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(389)

<223> n = A,T,C or G

<400> 2286

ggaagcaaaa	aagattatat	tcaggaaaaa	cagatgagac	aagaagagca	gaggaaaaga	60
catttagagg	ctgccgctct	gctgagtga	agaaacgcag	atggtttaat	tgtagctagt	120
cgtttccacc	ccactcccct	gctgctgtct	ttgctggact	ttgtggcccc	ttcaaggccg	180
tttgtggtct	actgtcagta	caaagagcct	ctgttggaat	gctacacaaa	actgcgggag	240
aggggagggg	tcatcaacct	caggctgtct	gaaacctggc	tcagaaatta	tcagggtttt	300
ccagatcgaa	gtcatcctaa	actgctgatg	agtggagggtg	ggggttatct	tctctccggc	360
ttcaccgttg	ccatggacaa	ccttaaagn				389

<210> 2287

<211> 388

<212> DNA

<213> Homo sapien

<400> 2287

ggcacgagtg	aaaatcaaag	gagaagaatt	tcctctgact	ctgggtcggg	atgtctctgg	60
cgtggtgatg	gaatgtgggc	ttgatgtgaa	atacttcaag	cctggagatg	aggtctgggc	120
tgcagttcct	ccttggaac	aaggcactct	ttcagagttt	gtttagtca	gtgggaatga	180
ggtctctcac	aaacccaaat	cactcactca	tactcaagct	gcctctttgc	catatgtggc	240
tctcacagcc	tggtctgcta	taaacaaagt	tggtggcctg	aatgacatga	attgcacagg	300
aaaacgtgtt	ctaactcttag	gcgcttcaag	cggagttggg	acttttgcta	tacaggtaat	360
gaaagcatgg	gatgctcatg	tgacagct				388

<210> 2288

<211> 386

<212> DNA

<213> Homo sapien

<400> 2288

cgttgctgtc	gtggcactat	tacagcgttt	gctttgggtc	tggaaccctc	aggggcccgt	60
tgggggactg	gaggatatga	ctatgatgtt	aagctttggg	attttgctgg	aatggatgct	120
tcttttaagg	cattttgatc	ccttcagccc	tgtgagtgcc	atctgatcat	gttattacag	180

ttagtaaca	caggagacat	gattcttgtt	gtatctggaa	gctctcatgc	caaggtgatt	240
gtcagagatc	gcgttttgat	gtattggaat	gcttaaaagg	agaccagtat	attgcggaca	300
tgcccatcac	caagggatcat	actgcattgc	tttatactgg	ctcatggcat	ccctaaatat	360
agggagaatt	tatgacttgc	tcaccg				386

<210> 2289
 <211> 385
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

ggcacgaggg	acaagagaaa	tacttgttgt	tgcattgat	ctcagaatcg	gaatttctaa	60
ctgaagctga	aatcatttgt	gatgttgtat	gcctgggtata	tgatgtcagc	aatcccaaat	120
cctttgaata	ctgtgccagg	atttttaagc	aacactttat	ggacagcaga	ataccttgct	180
taatcgtagc	tgcaaagtca	gacctgcatg	aagttaaaca	agaatacagt	atttcaccta	240
ctgatttctg	caggaaacac	aaaatgcctc	caccacaagc	cttcacttgc	aatactgctg	300
atgccccag	taaggatatc	tttgttaaat	tgacaacaat	ggccatgtat	ccagaggatc	360
attacagaga	cagactctcc	cgagn				385

<210> 2290
 <211> 387
 <212> DNA
 <213> Homo sapien

attcaattct	gcacgaagaa	aagctgagaa	aatgaccact	ttggtgctat	ggggaggcct	60
tgctacatg	ggcacaccgt	ttggcatttt	ggccccgctt	acctgggtggg	aatattcctg	120
ggacatcatg	gagccagtaa	catacttcat	cacttatgga	agtgccatgg	caatgtatgc	180
atattttgta	atgacacgcc	tggaatatgt	ttatccacaa	gccagagaca	gacaatactt	240
actatttttc	cataaaggag	ccaaaaagtc	acgttttgac	ctagagaaat	acaatcaact	300
caaggatgca	attgtctcagg	cagaaatgga	ccttaagaga	ctgagagacc	cattacaagt	360
acatctgcct	ctccgacaaa	ttggaga				387

<210> 2291
 <211> 384
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

cgttgctgtc	ggtttttgta	caagagcgca	tactcatttc	tttctctctt	tttcaaatgt	60
gactaaatca	cacttcccag	ggacaccaag	ctgtttctga	ttgcaactgt	aacagcctgt	120

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gtaccagctg ggatttttgt attaagcagc tctatggggc tactatacca gcagaaaatt      180
agaagtcttg ctctaaaaag ctttttcagc aaatacttgc tttgttctta aagtttttac      240
tgcctcaatt tgtcagctaa tggatcacaa gtgattggga ctgcctggag cttttttcag      300
ttatggtctt agatgtgagt cagagaatat tatctattga gtttcaccca cttctctgcc      360
cctgtgcttt tacagactgg cctn                                             384

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<210> 2292

<211> 381

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 2292

```

ttttggttgt cacaactggn gggatgttgt tttcatctag aggatagagg ccaggggtgct      60
actcaacatc ctacaatgca tgggacaact cccacaacaa agaattatcc agcccaaaat      120
gtcattagtg ctgagggtga gaaatactcc tctaaagtag ataaactcct tgagtaaaga      180
gaagtttacc atagcaactt tcagtagtac ttcaaagaag atagctgtat aaatgtcatc      240
aaactatact atgtagagaa tcttaagtga taaccagggt cacggattcc aaacatgtca      300
ttataaattg ttttatatgg tgctcactgg tgcatttttc cttttggata agggaaaaca      360
ttattccact tactgttttt g                                              381

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<210> 2293

<211> 383

<212> DNA

<213> Homo sapien

<400> 2293

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cgttgctgtc gctgggtgcg gtgggtgctg cctataattc cagctactcc agatgttgag      60
gcaggagagt tgcttgacc cgggagggtg aggggtgcgt gagccgagat cgcgctactg      120
tactccagcc tgggcaacag agtgagactc cgtctccaaa aaaaaaaagg ggggtaaaaa      180
cctttgaaaa tggaccccggt tttttaactt tttattggaa atcctaaagg gggcttcggg      240
ttttcaaaag aattttccaa accaaccctt ggccgggggga aatttgacct tttttggcaa      300
acggggaata ttttttttcc tggagcccct gggggggggg ggggaatttt gccttaagac      360
ccttgggggt ttttggggca aag                                              383

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<210> 2294

<211> 384

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(384)

<223> n = A,T,C or G

<400> 2294

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ctgacctcag gtgaccacc tgcctcggcc tcccaaagtg ctgggattac gggtttgagc      60

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cactgcgcc	ggccggggat	tatgttttaa	atgttatctt	tcacagcgct	tgaagttctg	120
tgcttgaaac	ctaagtcatt	tggaatgtac	ttgttttgtg	ggtgtgctga	gaggatcggc	180
aacatggcaa	ggtagttatt	ataatataag	gtgagatggg	gcggtatgtt	gtanaaccct	240
ctaanactac	cactctacac	tcattccttca	agattctttt	ctcgagctga	tcaaccatga	300
ttttgatgac	gtccttaccg	agccctgaga	aactaaaact	tcctagaggc	caccctttgt	360
agaaaccgac	aatccgtcta	ctcc				384

<210> 2295

<211> 384

<212> DNA

<213> Homo sapien

<400> 2295

cggtgctgtc	gcgttttcaa	attcacaggg	gagggggaat	gtctcatact	ccagccctcc	60
tgagcctagg	ccctctgtga	gatgtgtcac	catttcttgg	acaccatatg	agacattccc	120
cctcggatta	gagatgtctca	acctgcattca	acaaatctaa	agcctgcattc	tggtaccct	180
ggggcgagtc	ctgtttacag	tgccatttcc	tggagctcgc	ctctttttgc	cttttgtttg	240
attatgtgat	gtattacttt	tcccagcagg	ccagtgtctag	catactggaa	gagggattta	300
ataagctggc	acccttgatg	ctatgtctct	aatccaacct	tatttgcctc	attggccatt	360
tccattatgg	tggcagccct	ccat				384

<210> 2296

<211> 384

<212> DNA

<213> Homo sapien

<400> 2296

gccgcactcc	actgcacagg	acacttatgc	caccctcttg	ccagatgcct	ttgaagaaaag	60
agtcagactg	gtccaccctc	ccccagcccc	tggggctcct	tgagcctctc	tccagccttg	120
gcaggaggag	gaaaagcagc	acctccctca	gacagctgga	aaggccctct	tccttcccag	180
ctcagtgggt	ccggccaagg	gtcaccagac	gggtatttgt	ccccacctcc	ctaccaaccc	240
caagaacaca	ctccacaccc	ctcttcgctg	ctgcggtgtg	aagcttcagc	ctaaccctaat	300
cccacagagt	ccatctcgac	agcctgggat	gacacgggtt	ccccagaggg	ggacagagtg	360
ctgggtgtgg	gtgccagttt	agac				384

<210> 2297

<211> 379

<212> DNA

<213> Homo sapien

<400> 2297

ggcacgaggc	tatacacagc	tctgttttgt	caatgacctt	tgttgtaagt	ctcccaacgt	60
cctattagga	gccacagcag	gtgaggcatt	tgggtgcagca	ggaaacatgg	ggactgccta	120
ggctcgaatc	tgtggcacc	tgagcaatta	cttaaattgt	ggagcctagt	tcctcatctg	180
taagatggac	ttgagattcc	tacctctcat	gattactatg	gagattgaat	aattggtaaa	240
attctcctag	ctcagtgact	gccacaggat	gggtctttca	gattttggct	ctcttttagct	300
tctggttctt	gaaagaaatt	aatctgtata	taacataaga	aactttgaaa	gtcaaaaaaa	360
caaaaaattt	taattcctc					379

<210> 2298

<211> 384

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 2298
ggcacgaggt tttctcctgt taagctccat tgcctctctc cacattttgc tattattata 60
ataaacatta taaatgttaa aaactcaaca atatgttgnt aaacttattg ttttatgtac 120
tctatgcttt tttttttttt ttgaaaagga atttttcttt ttttcccca gctggaaggg 180
aatggcctta atttttttta acaaaaactt cgccttgggg ggtaaagaa ttttcaaatt 240
taacccttct gaagaactgg gaataaaggc ttggcgaccc ccccttcagt tattttgttt 300
ttttaagaaa accccgggtg tttcaaagta aaaagggggg gcttggaact ccgagcccaa 360
gggggtgccc cccacctga aacc 384

<210> 2299
<211> 384
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 2299
ggcacgagca aagaatttta ttcaattaaa cttgaaatgc atctggattc ttaaaggttc 60
agtagtgatc actgggacag ggcatcata aaactgaatg ggctgtcgga aggtgtcgag 120
gcagcagcaa gggtgacatt gccactgacg ggggcttccg aactggggac gtttgtcatt 180
gggatgtgtt acaagttcgg gctgtggaaa ttactcgatg aaaaacgcac attaacgata 240
gccatgaaat attagttaaag ggaaactagg ttgagaaatg agacagcagg atctatcaga 300
gcctggcatt gttcgccaca gcccaggtag tgattaaaac gactgtcaag cggcagtgagg 360
tgaggagctga ggagcacggn gctg 384

<210> 2300
<211> 384
<212> DNA
<213> Homo sapien

<400> 2300
cggtgctgtc ggtgtagtcc gagtttccac agccaggtag tactccgcca gtgaccctgg 60
acagtaacaa aacatataaa gcccagagccc aaaccccgcc accatcatag gtctgtagtt 120
actgtggaat caataagcca tggcatctaa gaaatttgcg gttaaaagac ggggtttggc 180
tatgtaactc aggtagtct cgaactcctg agttcaagtg atacaccac tttggcctcc 240
caaagtgtcg ggattacagg tgtgagctac cattcctgac ctaggggcctt ttctaaggaa 300
ggcagaaaat gtttgccata cacagtgtgg gaattttgcg gtcctcgtgg atcttcatat 360
cttgccacaa ggttcaaaca aagg 384

<210> 2301

<211> 384

<212> DNA

<213> Homo sapien

<400> 2301

cgactctcct	gcttttggtat	ttgagtttga	tttaaacaaa	gcgtcgtgga	tgggaggtgt	60
atcatacgat	cattttaacc	attgtgcctt	ttaatgtgga	aaatctgccc	aaaataggac	120
ctgctgcagt	ggttttcaca	tatacaaaga	agtggctaga	atgttctctc	agaacagcac	180
acgggattag	aaaggacatt	tggccgctgg	aattcttcag	tgagaattca	gtgattaagc	240
ctgccttctg	ttttccttgt	gggccgcagg	gttcctgtgg	atgtccccac	cctcagattg	300
ctggagtaga	aaacttaact	ttccaaaaca	ctgagttgtt	ttcagcccag	cattagaggt	360
taaagatgct	catgtagaaa	gccg				384

<210> 2302

<211> 380

<212> DNA

<213> Homo sapien

<400> 2302

caagtttgat	gcaacataaa	ctgataaagt	ttgaaataaa	aagagacagg	ttggtaggaa	60
agaccattca	tatcctatcc	ccaaactggc	ttaagtccac	tcccactgcc	cccagctacc	120
acctttttac	tttattctac	ctgctatttc	tttggccacc	ggaataataa	gcctgatgta	180
aattctgttt	catactccca	caggtcaact	ttttttggag	tttgacaata	attattccaa	240
gtcaagtaat	tcattgattt	tagtggaaga	ttgttttcca	ggtgttattc	ttccatgcgc	300
ctcaccccca	tctcataaag	tagaaaagag	atgatttaat	ttatgggtct	agaaaataaa	360
aatgtaaata	cttgcttgtt					380

<210> 2303

<211> 380

<212> DNA

<213> Homo sapien

<400> 2303

ggcacgagat	tttgagagacg	acatggtgag	aggctagctc	tagggatggt	ttagaaaata	60
aagtcacctg	gggactggtc	caccccttc	cggctccctt	gcctgttggg	gtcagggctg	120
ccctgggaag	ggcagcgacg	ctgggttggg	aggagcatag	actgcagggc	atctgcctga	180
gtgtagagtc	cctgggcctc	taattctgta	aaatcgcggt	aatagcatcc	gcttctctga	240
gctgttagag	gtgtaacagg	taaacccatg	taagggtgctt	aggacagggc	tgggtgctggc	300
taagtgcctg	taatatcgtc	agcatcatta	cctgcgttat	tgtagcactg	atcgccatgt	360
cagctgcctt	caaggtctgg					380

<210> 2304

<211> 383

<212> DNA

<213> Homo sapien

<400> 2304

ggcacgaggt	gtgttcctgt	tgtggctatt	tttaagaatc	ggtgtttctc	agaattgata	60
agaccatggc	acaaaactgt	gacgattggc	tttggagtaa	ccctgtgtgc	ggttcctatt	120
gcacagaaat	cagagcctca	ttcccttatt	agtgaagcat	tgatgaggag	agcagcgtct	180
ttggtaacag	atagcacctc	tacctttctc	tctcagacca	catatgcgtt	gattgaagct	240

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attactgaat atactaaggc tgtttataacc ttaactttctc tttaccgaca atatacaagt    300
ttactttggga aaatgaattc agaggaggaa gatgaagtgt ggcaggtgat cataggagcc    360
agagctgaga tgactttctaa aca                                           383

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<210> 2305
<211> 379
<212> DNA
<213> Homo sapien

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<400> 2305
gggaagagca cctagcccgg aatcccccta cagactagtg gcagtgggga cgctggtgat    60
atgaggaggc agaggcagca cccaggagaa acagggcagt ggaccaatgg acagctccac    120
cagctccaca tctttggaag ctagatttgg ggagagagaa gctctacccc agacttaata    180
cccattgaaa tttcacctca ggtgttgtgt cctgtgtctg gttaagtgtc ccatggaagg    240
ggaaagcctt cacgtcagaa cccaacccta tacctttttac ttcttaaagt gtgctaacca    300
caggtgtccc aggggtgctct gtgccagtta agatttttaa ctttcaaggg gcagggcata    360
ctgggaaatg tagtttccc                                           379

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<210> 2306
<211> 154
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

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<400> 2306
aagttttctn nnacacgata tgatggggtc ttgggctaaa ggaggtccct gctgtcctgg    60
agaaagtcct agaggttatc tcaggaatga ctgggtggccc tgccccaacg tggaaagggtg    120
gcaaggaagc cttctcccat tatccccaat gaaa                               154

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<210> 2307
<211> 384
<212> DNA
<213> Homo sapien

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<400> 2307
cgggtgctgtc ggggtgcttt tgcctttgat cccagctatg ccgaaggctg aggcaggaga    60
attgcttgag cccaagaggc ggaggttgcg gtgagccggg atcgcgctcat tgcactccag    120
cctgagcaac aagagcgaaa caaaaacaaa caaacaacaa aaaaaaaccc acccaaattcc    180
tttttttaat gtagtagggg ttatatagat atactaatat aattgcattt ggagaattag    240
agtatgtatg gagccacac atactgtgat ataaagtgt tatacagata tttggatatt    300
ttctagtttg catgatgatt aagagaacca gatgggaaaa tacaatctcc aaagtgatgt    360
ttatcctgga attacccaat tttag                                           384

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<210> 2308
<211> 384
<212> DNA
<213> Homo sapien

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<400> 2308

cgttgctgtc	gggtggcggt	tgctgtgat	cccagctatg	cgggaggctg	aggcaggaga	60
attgcttgag	cccaagaggc	ggaggttgcg	gtgagccggg	atcgcgatcat	tgactccag	120
cctgagcaac	aagagcgaaa	caaaaacaaa	caaacaaaca	aaaaaaaccc	acccaaatcc	180
tttttttaat	gtagtagggg	ttatatagat	atactaata	aattgcattt	ggagaattag	240
agtatgtatg	gagcccacac	atactgtgat	ataaagtgtg	tatacagata	tttgatatt	300
ttctagtttg	catgatgatt	aagagaacca	gatgggaaaa	tacaatctcc	aaagtgatgt	360
ttatcctgga	attacccaat	ttag				384

<210> 2309

<211> 379

<212> DNA

<213> Homo sapien

<400> 2309

ggcagcagcc	cgagctgccc	cctggctctc	agggaccctg	gcccagcagc	ccgggaagtg	60
gccccggagc	gtactcttcc	cttgaggggg	gctccctggg	cacaggcccc	ccctggaagg	120
caaccggcc	gtgggggctc	ccaggctggc	ccccgcaca	cggactcgtc	ctgcttgctc	180
acgcctccca	gcactccact	tgcccttgag	cctggggacc	ccgactggcc	agagtccggc	240
ggccccctgtg	gaaaagcgct	cccagagagg	cagaggaatg	gacccagcgg	cctccggggg	300
gcagctccgg	aaggagactc	tgagccctt	gcggaggagt	cccctccagc	cccgtccagc	360
cgcagctcca	gcaccgagg					379

<210> 2310

<211> 380

<212> DNA

<213> Homo sapien

<400> 2310

ggcaccaggc	gctttgtgac	tgaggtcat	cgtgggcagt	tctatcagtg	tgacttagat	60
ggtaattctc	ttgactcctg	ggaaggggta	agagtgcaat	gcctttgggtg	cttgagtgtat	120
ggaaagactg	ttctggcatc	agatacacac	cagcgaattc	ggggctataa	cttcgaggac	180
cttacagata	ggaacatagt	acaagaagat	catcctatta	tgtctttttac	tattttcaaaa	240
aatggccgat	tagctttgtt	aaatgtagca	actcagggag	ttcattttatg	ggacttgcaa	300
gacagagttt	tagtaagaaa	gtatcaaggt	gttacacaag	ggtttttatac	aattcattca	360
tgttttggag	gccataatga					380

<210> 2311

<211> 380

<212> DNA

<213> Homo sapien

<400> 2311

cgttgctgtc	ggcacttctc	cctaagccct	ctctgggccc	aagctactcc	tgccctgatc	60
tggggccccc	tggcccagg	gcctgcacct	ggccacctgc	tccaccccaa	ccaagccgac	120
cacggccggc	gcggcacact	gtgggtgggtg	gggaaatggc	ccgagccccg	ccacccctc	180
ggccctgtct	ccggaaagag	gtcttccctc	tcggaggagt	gggagcctcc	ccttctctca	240
ccacatcttg	ctcgtccacg	gcacccactt	ccttctccga	accagcagaa	cccaggttgg	300
gttcaaccaa	agggaaaggag	ccaagagcct	caaaggacca	ggtgctttca	gaacctgaga	360
ccaagaccat	gggaaagggtg					380

<210> 2312
 <211> 378
 <212> DNA
 <213> Homo sapien

<400> 2312
 cgttgctgtc ggccagagt ttagaggtat ggggcagctt gagaagaaag ggaatggctt 60
 aaaaaagcca ctatgcagat caaaaaaggg aacagggtaa aggtgagtag aatactgacc 120
 agccccatag ataacaataa acaatgttaa atatgcgaat gacagaattg aaagtcattc 180
 aatgcaactt catcaaaggg gagtcaggct tggattgac aaaagaaaga ggaaaactca 240
 cagtgaagta gtggagtgca tttatgtagt tatgtgttct acctttttaa attgtagtaa 300
 actgagtttg ggatagattg attctttcat acattctact ccagtttagta gatattaaat 360
 atatacatat attttatg 378

<210> 2313
 <211> 152
 <212> DNA
 <213> Homo sapien

<400> 2313
 catgatatcc tgaaacccac ggcaggaact gaacctggta aagagaataa ggagtttggc 60
 ctgagaaaag caaactcttg cattctcaga caatgaggta gatcagttac cctacttcac 120
 agcataagag gggaatgtgc tctcagcatt tg 152

<210> 2314
 <211> 377
 <212> DNA
 <213> Homo sapien

<400> 2314
 ggcacgaggc aacctctgcc tcccagggtc aagtgattct cctgcctcag cttccccaat 60
 agctgggact acagggtgtc gccaccactc ccagctaatt tttgtatttt tagtagagac 120
 agggttttgc catgttggtc aggctgggtc cggaactcct gacctcaggc gatccaccgc 180
 cctctgcctc acaaaagtgt gggattacag gcatgagcta ccgtgcctgg cctaaacctt 240
 acgcttttga ggttgagtgc aggccttgtg ataactaagt gctacttttg acgagccttc 300
 aacaagctgc ccagtcctct cctcagcaga cgcacaggt tgtagttgca tctttacagt 360
 ggtctttcct tttattt 377

<210> 2315
 <211> 377
 <212> DNA
 <213> Homo sapien

<400> 2315
 ccgagttgaa tcttctaagc gcaagtctgc aaaggagaaa aagtcctctt ctaaggatag 60
 ccggccatct cagggtgccg gggataacca gggagatgag gtcaaggagc agacattctc 120
 tggaggcacc tctcaagata caaaagcatt tgagagctcg aagccatggc cagatgccac 180
 ctacggcact ggttctgcat cacgggcctc agcagtttct gagctgagtc ctggggagcg 240
 aagcccagct ctcaaaagcc cctccagtc tgtggtggtg aggcggcggt caccctgc 300
 tagccccgtg ccaaaaccta gtctccact ttccagcaca tccagatgg gctcaactct 360

gccgagtggg gccgggt

377

<210> 2316

<211> 153

<212> DNA

<213> Homo sapien

<400> 2316

ctaaatcttt	tccttttgct	tctccttaaa	ttgattgtac	ttccaaattt	gctgttatga	60
ttttttccta	atactgtgat	ctatctgac	tgagacaag	aacctgtct	ctgttgaaga	120
gcatcaagg	gagattatg	acacattgaa	atg			153

<210> 2317

<211> 376

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(376)

<223> n = A,T,C or G

<400> 2317

ggcacgaggt	gtgttcctgt	tgtggctaac	tttaagaagc	ggngtttctc	agaattgata	60
agaccatggc	acaaaactgt	gacgattggc	tttggagtaa	ccctgtgtgc	ggttcctatt	120
gcacagaaat	cagagcctca	ttcccttagt	agtgaagcat	tgatgaggag	agcagtgtct	180
ttggtaacag	atagcacctc	tacctttctc	tctcagacca	catatgcgtt	gattgaagct	240
attactgaat	atactaaggc	tgttataacc	tttaacttctc	tttaccgaca	atatacaagt	300
ttacttggga	aatgaattc	agaggaggaa	gatgaagtgt	ggcaggtgat	cataggagcc	360
agagctgaga	tgactt					376

<210> 2318

<211> 378

<212> DNA

<213> Homo sapien

<400> 2318

cggtgctgtc	ggtttttgtg	tttttagtgg	agatgggggt	tcaccgtgtt	ggacaggctg	60
gtctcgaact	cctgacctcg	tgatccgccc	gcctcggcct	cccaaagtgc	tgggattaca	120
ggtgtgagcc	accgcgcctg	gccagttggg	acctaactct	taacaccttt	ccttgccgtg	180
acgtccaagc	caccccttc	ccacaacccc	tgttcctctg	gggaatacac	tgtttttgca	240
ctttacctcc	ctaccagcag	ctctttccag	attgcagggg	cgagctgggtg	ggaagcttgc	300
agattgtttc	gcaactgccg	gtaatctgtg	tgcttgtcac	tggggctctg	tcttccttga	360
gttggtacag	tgaaatat					378

<210> 2319

<211> 373

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(373)
 <223> n = A,T,C or G

<400> 2319

ccgagcantc	gttttttgtt	cgtgcttttc	cctttttacc	cccttttttg	aagggttaagg	60
aggcgagacc	cctatttttt	actggcgggg	ggggcctttt	aggggttttt	aacccccctt	120
gccccctttt	taaaaaaaaa	ccgttttttt	ggggcttgga	aaacttcgaa	aaaatttttt	180
tttaaaaaaa	ggggcctggg	ttggaaccgt	ttttttccca	aaggaccggg	gcggaaaaaa	240
aactttaccc	ttggtccaaa	aaaaaaagg	gaaaccctgg	cccttcttag	ggggaaaaaa	300
ggcccgcgcc	ctaaaaaac	cgggggggta	cctttttttt	aaaatcaacc	ccttgatgat	360
ggggggagac	ccc					373

<210> 2320

<211> 377

<212> DNA

<213> Homo sapien

<400> 2320

ggcacgagat	ttgaagtttg	ttaatggagt	gacttggggc	caggaccag	gaagttaagc	60
agctcctcca	cttcacccag	ataacattga	aaactccggg	tgctgaccag	ttttcctgcc	120
ccactccttt	cccagctgtc	accttcctga	gagtagaggt	ctgagatgtc	caggggtgtag	180
atgggagaaa	gcctggagag	gagaagcaag	agtcttctat	aatctctaga	taatcagtag	240
cttagcta	at	tgaataaaga	actgaataaa	tgattttaat	tgaaatattg	300
gctagtgttg	taataaagat	gtggcatgtc	aggaggaaag	tgcaaccgat	atttgggtct	360
cctcaaattg	ttagtct					377

<210> 2321

<211> 377

<212> DNA

<213> Homo sapien

<400> 2321

cgctgtagt	cccagctact	ggggaggctg	aggcaggaga	atcccttgaa	cccaggaagg	60
ggaggttgca	gtgaactgag	attgagccac	tgactccag	cctgtgtgat	acagtgagac	120
tccgtcttga	agagaaaaaa	aaagggtggg	gggctggttt	ggaatcataa	acataaatat	180
tgaaagtgt	ggtgaccttt	aatactacaa	ttgtgtgggt	tgcatcgagg	gagcatagag	240
atgggacctg	gtatttaata	ggttgtgggt	gcaatcagca	tgccctgagg	gcccaggaag	300
atcacacagc	tgacacccta	cctgctttcc	ttccagttac	tctgaccttc	catgtctgac	360
cctcctctcc	aggctga					377

<210> 2322

<211> 373

<212> DNA

<213> Homo sapien

<400> 2322

ttccgttgct	gtcgggggct	gcccatacc	tttcattctg	ctgggatcag	gttttcttag	60
tgcttgagaa	gactcaggag	ggcctgtccc	atgccattgt	tgcccttaag	agcaagtgat	120
tccagaagag	gagtgggcac	cactctcatc	cagaggcccc	tcctgagagg	caagtgaggc	180
tgtgctctgt	gcctgggctc	ccccagggtg	cacctgtcgg	tctgtggacc	tggttgaggc	240

aaggatgccc	atctggacat	ggagccgaca	caggtagtca	gggggcccagc	gggacgctta	300
ccaacagctg	tcttttcccc	acctcagaat	agcattcctt	tcgaacacca	cggcaagtag	360
ctgctcgtct	cct					373

<210> 2323

<211> 375

<212> DNA

<213> Homo sapien

<400> 2323

cgttgctgtc	ggggcggttc	tgtcgggggtt	gcagcggcg	gagggagccc	agtggaggcg	60
ccctcccga	gcgccactgc	ccatgctgac	caccagccc	ttcggctgct	gatgtcatga	120
gtaacaccac	tgtgccaat	gccccccagg	ccaacagcga	ctccatgggtg	ggctatgtgt	180
tggggccctt	cttcctcatc	accctggacg	gggtgggtgt	ggctgtggta	atgtatgtac	240
agaagaaaaa	gcgggtggac	cggctgcgcc	atcacctgct	ccccatgtac	agctatgacc	300
cagctgagga	actgcatgag	gctgagcagg	agctgctctc	tgacatggga	gaccccaagg	360
tggtacatgg	ctggc					375

<210> 2324

<211> 377

<212> DNA

<213> Homo sapien

<400> 2324

cgttgctgtc	gggcagctca	cggaattgtc	atgagatggg	gtgttcccag	tcatgcccac	60
ggcatctctg	cctcctcggg	ccccacctgc	ctcgccctgt	ggcctgagtc	ccttcagctg	120
tgtgggcctc	cctgagtgcc	ctgagtgagg	tggcagaagg	ggtgagaggg	catggcgtct	180
ttggggctgg	tgagccggat	ctggccatct	gtcacctctc	aggcgtgcag	gactaatcc	240
ctccaagcct	cagttggcca	cagtgagaag	gggcctggta	acactgtcct	ggatgccagg	300
ttgttgtgaa	ggacccggct	taacctctgg	caggaaaggag	gtgctcacga	ggtgggcaca	360
ggcagagggc	tggctgt					377

<210> 2325

<211> 377

<212> DNA

<213> Homo sapien

<400> 2325

gccgtcaggt	gcgggcccag	gtggcaggcg	cgcccgttgg	gactggggg	acgcgggcgc	60
gtcaggtgaa	gactgggggc	cgcaggcgcg	ctaggagaac	tatgccattt	ttgggtcagg	120
actggagatc	tcctggatgg	agttggatta	agacagaaga	tggctggaag	agatgtgaat	180
ctttagtca	gaaacttgaa	agagagaata	accgttgtaa	catcagtcac	agcattatct	240
taaatagtga	agatggagaa	atattcaata	atgaagagca	tgaatatgca	tcgaaaaaaa	300
300ccattttaga	aatgacacaa	atactcaaaa	ggcatggcta	ttgcaccttg		360
ggagaagcct	ttaatcg					377

<210> 2326

<211> 368

<212> DNA

<213> Homo sapien

<400> 2326

cggttgctgtc	ggattgccaa	agagtgatta	tgtggctgag	tgattgatga	tggtctgaac	60
tgggtattca	gggaagagaa	ctagaagcca	accatgtaga	atctatgcag	gtgctcttaa	120
gacattgggt	tgactggaat	tatcttcttg	ttaggtctta	ggaatctcct	tccaggtaac	180
tttttctatg	attagacaat	tgatttggtc	agggtcacag	agcaaagtcc	acatttaatt	240
ccacatggcc	aataaaaagt	aggggctaca	aggtgagatc	cagggggccag	agttatcaaa	300
gtgatacagc	acttttagga	ataggacagg	gaatggagga	attggaattc	cagtattact	360
ttcaaaag						368

<210> 2327

<211> 372

<212> DNA

<213> Homo sapien

<400> 2327

cggttgctgtc	ggattgccaa	agagtgaaga	tgtggctgag	tgattgatga	tggtctgaac	60
tgggtattca	gggaagagaa	ctagaagcca	accatgtaga	atctatgcag	gtgctcttaa	120
gacattgggt	tgactggaat	tatcttcttg	ttaggtctta	ggaatctcct	tccaggtaac	180
tttttctatg	attagacaat	tgatttggtc	agggtcacag	agcaaagtcc	acatttaatt	240
ccacatggcc	aataaaaagt	aggggctaca	aggtgagatc	cagggggccag	agttatcaaa	300
gtgatacagc	acttttagga	ataggacagg	gaatggagga	attggaattc	cagtattact	360
ttcaaaagca	gt					372

<210> 2328

<211> 150

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(150)

<223> n = A,T,C or G

<400> 2328

gaatttaaca	cangnggata	ccgaacttcc	attcttttagt	cattccaggc	ggatctgagt	60
tttatattcg	aacttttaat	acagcttttg	agttttgagt	gacttgaatt	tttaattctt	120
nttttaatac	gtagcttaaa	tgaacatatg				150

<210> 2329

<211> 368

<212> DNA

<213> Homo sapien

<400> 2329

ggcacgaggt	ccagggtaca	gttccttttag	aggttccctca	ggtgaaacca	aagagaactg	60
atgatggcaa	gggattaggg	atgcagttaa	agggggccctt	ggggcctgga	ggaagggggc	120
ccatctttga	gctgaaatct	gtggctgctg	gctgccctgt	gttgctgggc	aaagacaacc	180
caagcccggg	tccttcaagg	gattctcaga	aacccacttc	cccactgcag	tcagcaggag	240
accatttgga	agaagaacta	gatctgttgc	ttaatttaga	tgcacctata	aaagagggag	300
ataacatctt	accagatcag	acgtctcagg	acctgaaatc	caaggaagat	ggggaggtgg	360
tccaagag						368

<210> 2330

<211> 372

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(372)

<223> n = A,T,C or G

<400> 2330

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cggtgctgtc gcttattatt gctattaata ttagttagtag ctgccaataa taaattgagt      60
tactgttgat agcaatgtca atgtcaaata taatacttga aagtttttat ctcaacacat      120
ttctttcctg aacctcagag ctgtatgtcc aactgcctgc ttacttcagt atctccactt      180
gaagatctta aattcatatc cgtttgccta aacctgaact catcgtcctc ctccaactgc      240
tctaccacac gctttcccca tctcagttga aggcagcgcc atctcccact cctatcgctc      300
aggacagaaa cctcaggtt gtccctggct ctttctctca gctctgcctc ctaaataatgt      360
ccatcatcca cn

```

<210> 2331

<211> 367

<212> DNA

<213> Homo sapien

<400> 2331

```

aattccggtg ctgtcgggtg cagggccttg gatgtcaggc caccctgtgt ggggtccctg      60
ttggcagcca ggtccctaca caaacaagta atcctgtttg gcctcctagg ttttgcatat      120
gacctgcagc ctaatttggg gtgtagggga agctctgctg gcccttgctc ctttgtatgt      180
tgggtgactt taatggctgg ccacataccc ctttctccca gctactcatt cactgacttg      240
ggtaagttct aagacagttc gcacttagaa aagaatgtga cacatcaaca ttaacttttc      300
ctgaaaagaa gagtttgctt aacatggtcc taaagaagct tggaatttat aagactttcc      360
tttataa

```

<210> 2332

<211> 367

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(367)

<223> n = A,T,C or G

<400> 2332

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aattccggtg ctgtcgggact tggcaccctc tgtgccctgg ggccctgcc cagctggctg      60
ggccacctcc gtgtctgggt tcatcggcag tccccaagac ggtgctccag gcccttagac      120
agggagtgcg atcccacggc agtgggcagt cctgtcccgc gagcccgcc ctcagtctga      180
gtggtgctga cctctaactg tggacgccat gctccatcct cctggtgggt ggcggcgggg      240
cggggggggg ggccatgctg ggcagcccac acaagccact gtcacctgct gtcgccacct      300
ggccgaccct ggttgattgg ggaatgctgt cagccccgca gccctgtgg ccatagctgg      360

```

ggccccgn

367

<210> 2333

<211> 364

<212> DNA

<213> Homo sapien

<400> 2333

cgatgctgtc	gatctttctg	tggtttttta	tactctttta	gggttggtt	tttacaaacc	60
atgactttcc	acttgctgt	agttttttgt	ttgctttggt	ttggtttgat	tttatatttt	120
tttctcctaa	tctatgactt	tattgttttt	tcttaggtta	gtaatagcat	ctttgatcct	180
gtgcttagca	tgtaggggtc	attatacctc	aggaatagca	agctgttaag	taaccatact	240
gaattaaacta	tttaattaca	gtgagctcat	ctcttaaaaa	ttgttcaggt	gtaaatctta	300
tgagaaacat	gaaaaagcac	actgatttat	ggagagttga	gctaaaaaca	tttataaata	360
tttg						364

<210> 2334

<211> 366

<212> DNA

<213> Homo sapien

<400> 2334

aattccgttg	ctgtcggcat	cttttatgta	cacttgtcta	ttcagacaag	atcctcatga	60
tttcagaaaa	aatatagaga	gggtcctaga	ctgcttaata	gaggaaagaa	gtatcctgga	120
aaagcttgta	agaacgttct	agagccacaa	catgattgta	ggccaagggc	ttgtttttgt	180
gaccttgatc	taagataatg	ccatggttga	ttgtatgttg	gaagaatctt	tgattggaat	240
ttggagtaat	attaaggtag	tttgtctttt	ctgcagacat	ttttaggagt	ctttttgtgt	300
gagtgggtggt	ggagtgtata	gttttgttga	acctagttaa	attctgaata	tcttcccact	360
aaaagc						366

<210> 2335

<211> 364

<212> DNA

<213> Homo sapien

<400> 2335

ggcacgagac	ccgggaggca	gagcttgctg	tgagccaaga	tcaagtcact	gcactccagc	60
ctggggcgaca	gagtgagact	ccatctcaca	aaaacatgac	ctggacaggg	ctgaaccgga	120
aaaaaattcc	ggggggcctt	tcaaaaaaga	tctttagggg	gaaaaaaatt	tttttaacca	180
agacccaaac	ctaaaacccc	caaaaaggga	aaccggacaa	acttggtccc	tggttttttg	240
gggaaaaaca	accttccggt	taaaaaacca	aatgggggcc	gggggttttt	ctgcccggaa	300
ccccaccat	ttgggggggc	aggggcaacc	ccccctttgg	gcctaggagt	gggaaacccc	360
ccgg						364

<210> 2336

<211> 147

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(147)

<223> n = A,T,C or G

<400> 2336

cgcgtgctac gttcccatat ccaaatttgg aagaaaccac aaggctgcct ctgactgagg	60
ccacaaatgg gcacatagtt taccttcact ttttgaaaac catattaaga ttgagtcagc	120
actccatag actgcttgat gaccacn	147

<210> 2337

<211> 359

<212> DNA

<213> Homo sapien

<400> 2337

actactgctg cgagaatacc acagaaggggt ttcgcggcaa gaatatacgg aaggggaggg	60
gctagatgca agcagagcac atccccggt taaagcacta tgggtggcttc acagtgcgct	120
tagaaaaaag agaaattctt tttatacaat ataagttcct gcagaatgca gacactttct	180
acttctccag gctcttttca actcctctcc tactagcttc tgtatttaag ccacattaga	240
cctttcttca gttttttata tagactttgt tgcacacac ctcagagatt ctgtgcatgt	300
tcttcctcct gcctagaaag gatcgtcctt ccactttcac caactaatcc cttctcacg	359

<210> 2338

<211> 144

<212> DNA

<213> Homo sapien

<400> 2338

tcattttgat aactagcttt ccagggtggac ttagccatag gaaaatatta ctaatgtaat	60
ttaacaaatt gctgcatgta tttcatttaa aaatatgctt aaaatgtcct aaaacaaata	120
attatctccc taagaggatg catt	144

<210> 2339

<211> 342

<212> DNA

<213> Homo sapien

<400> 2339

tacggctgcg agaagacgac agaagggacc ccctaccccc tctaagggtc tcaccaattg	60
ttcttttagcc agagactcct tctacccagc tcgccagcca cctttgtgca gtggagggtg	120
agaatgcccc aaggatgcac gtaatggacc agcctttcca gcatttggct ttgggtccca	180
gaaattttga gctttggcaa atcttacaag ctctgtgagc ctctgtttcc ccatgttctc	240
atattcagag gtgctgggct ggactcccac tgccagttcc ctgagctgtg cagggactcc	300
tgctctgcat ggtttgtttt ggtgctcatg ggaccataag tg	342

<210> 2340

<211> 188

<212> DNA

<213> Homo sapien

<400> 2340

cccagggtag cgccagcgcc aagatactgg agagcaagtg tccagcccca gcagccaccc	60
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```
cgcccttcac accaccaccg aggacagtgc aggggtgcac actgagttct aggccagtgg 120
gtccctgact gctgcacatg gcacaggccg ttccttccg gaccaggca ggctcagctc 180
tggggagg 188
```

```
<210> 2341
<211> 460
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G
```

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<400> 2341
acaggggcat tggaannnnc ctcttgtcct tttgtgacga tcccatcgat tctaattccg 60
ttgctgtcga aatgacttat tttatatggg atgatacaca taggttattt gcaaatacta 120
cactatttta tatgagagac ttgagcattc gcagatttcg gtatccacgg gaggtcctgg 180
aaccaatccc ctatggatac caagggactg ctatgtatta caaagccaca tgctttggaa 240
ttacttcagt ggtccttcta ttttcattaa cactgatatc tagtttaata tgaaaaggaa 300
cttgaaatct tgaaaattag aacatcgtaa ttttttcta cttgcaatgg aaaatctatt 360
ttgctttttt gcttctagga aaatattctg attatgatat gtgatatgtt ggctactcaa 420
agtcagaact tttcaaagta atcagtaa at tgaatcaaca 460
```

```
<210> 2342
<211> 465
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G
```

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<400> 2342
ggtcttcgta ntttcgnnnn atcccatcga ttgctctgca gtaaagtatt ttcacttctt 60
ttcttcttct caatcttctc aatcacctgc cctagaatc tgagtgggcc taacctagac 120
ctcttgctgg ccgagattta tacaatgtgg ttgtttttcc ttatcttgac taatcttccc 180
gaatcttaca ttgtgcctta atttgacat ctgcacctct aatgtctgcc tatattatct 240
ccttggtcga caaggacctt gtgggagagc tgctcacatc tcaacatgta aataaaatgt 300
gcctttgggt caacacagga gaggtgattc caacgttaac aagttgggtc aggaaactgt 360
cagctgttta tttttatttc aatctcttct gttaaactat aacacactga ttgagcaact 420
aaacactaat atgcagagag gaaaaaaca caaaaaatat attgg 465
```

```
<210> 2343
<211> 466
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
```

<222> (1)...(466)

<223> n = A,T,C or G

<400> 2343

gcctacgtag	nccccctgnan	gttnnnnatag	attcccagtc	cgttgttgtc	gcaacattca	60
gggcttcac	gaagagtttc	ttcagatctt	cagctccttg	ctgcaggaga	ggaggttcct	120
ccgggactat	tatgcactct	tccccgaggc	cgaagacatc	agcttgctgc	agcaggcctc	180
atcagtcttg	gacgagacgc	ggactgccta	catcctccag	gcagtcgaga	gtgcatggga	240
aggggtgcac	agacggaaaag	ccacagatgc	taaagacca	tcggtgattg	aggagtctaa	300
tggggagcct	aacgggggtca	cggtgacagc	agaggcagtc	agtcaagcat	catcacatcc	360
ggagaactcg	gaggaagagg	agtgcattgg	agcagccgcg	gctgtggggc	ctgccatgtg	420
tggngtgga	ctggactctc	tcattctcca	agtgaaggac	ctgctg		466

<210> 2344

<211> 453

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(453)

<223> n = A,T,C or G

<400> 2344

cgttgctgtc	gccagggtac	ttctccgttg	atgtgaataa	tgtggtactc	attttaaatg	60
gaagagaaaa	agcaaagatc	ttttatgcc	cccagtggtt	actttatgca	caaaatttag	120
tgcaaattca	aaaactccag	catcttgctg	ttgttttgct	cggaaatgaa	cattgtgata	180
atgagtggat	aaaccattc	ctcaaaagaa	atggaggctt	cgtggagctg	cttttcataa	240
tatatgacag	cccttggtt	aatgacgtgg	atgtttttca	gtggccttta	tgagtagcaa	300
catacaggaa	ttttcctgtg	gtggaggcaa	gttggtcaat	gctgcatgat	gagaggccat	360
atttatgtaa	tttcttagga	acganttatg	gaaaatcatc	cagacaggca	ctaatgaaca	420
tttttgaaaa	agattggaaa	cgatagcggt	gtt			453

<210> 2345

<211> 423

<212> DNA

<213> Homo sapien

<400> 2345

tcgttctttt	tgcggagccc	gtcgagtcga	attccggttg	tggccgctta	ttactttcat	60
ataagaacat	tacagggttg	gtttttcttg	catgggtggc	cacctaatgt	ttaaggagtt	120
ctggtacctc	ttcctattct	ttattctatt	cgattccatt	tctgtgattc	ttttattacc	180
actgatgttt	tgcgatagtt	aactatgata	aatttaactg	atcatgattt	atcttctaga	240
gtatttaaat	aatgtatgag	tgaccaccca	attccaacat	taaaagtgtg	atctggggcc	300
ataatttata	gtgaaattgt	atcaaaacat	agggaaactg	tattactggc	cattttgaaa	360
atatgaaact	tgagtattga	aaatattcca	acatggaatg	gcagtattct	aatttcagtt	420
agt						423

<210> 2346

<211> 425

<212> DNA

<213> Homo sapien

<400> 2346

```

ggcacgagag aaactgggtgc tagattttat ggatattcaga ataggaagtt atttgttctg      60
aatcttcagg tggtttttcct tttctcttaa atgttaccac tttcctgcaa atttccatcc      120
ttaatatgtt agactgttca tatagataca ttgtgtttac aacaaggaaa aaatgccacc      180
atgtgctcag aacttttttg acaggtattht tgagaagagt tgcggaacat tctggtaatt      240
tgtagagatc tgttggcatc tctgcttcac aaactggaaa aaatcatttg taagtcttgc      300
taattacttt tcttggagaa gaaaaaaaaat gctacagctg caacaaatgt atagttttca      360
aaaagaaaca acttttttgc tccccagtt attcttagtt tccagccac gccttgcgat      420
agcgg                                           425

```

<210> 2347

<211> 429

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 2347

```

nnnatcggca cgagattttg cgtgaattat ggggtgaaga ccttgccac ttaggttttc      60
tatctctgtc cttgatcttc tttgccaaaa tgtgagtata cagaaatttt ctgtatattht      120
caacttaaga catttttttagc atctgtatag tttgtattca atttgagacc ttttctatgg      180
gaagctcagt aattttttatt aaaagattgc cattgctatt catgtaaaac atggaaaaaa      240
aattgtgtag tgaagccaac agtggactta ggatgggatt gaatgttcag tatagtgatc      300
tcacttagga gaatttgcag gagaaaagtga tagtttattg ttttttcctc gcccatattht      360
agntttgttc tacttctctc ccttctctcc agatgataac atcacatctc tacagtaagt      420
gcctctgcc                                           429

```

<210> 2348

<211> 425

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(425)

<223> n = A,T,C or G

<400> 2348

```

cgttgctgtc gcagctgtgt tcaactcacca ggtacctgca gaaggcctac aggggtgccag      60
gcacttcttt aatgtgttct ttctttatgt gattatttga ttaattctctg cctccccac      120
tagactgtaa gctccctgaa ggcaagaatc ctgtgcttat gctcaatatt agctctccct      180
tggcacagag taggcactca acaaatgctc cccaaaaggc tgagtggctg actgaattaa      240
gtaccagtga catgcagtaa ctgctaagat agatgagcca tctgtatgct ctgacagtta      300
cagactgaat aagttggaga ctctccctaaa ggggtggcatt tccccagggt aacaacgcaa      360
agctcangtg tgggaagggt ccaggggcag ggggtgcaaag gggctgaggc tgaggggggt      420
gcaaa                                           425

```


<210> 2349
 <211> 423
 <212> DNA
 <213> Homo sapien

<400> 2349
 ggcacgagga ttaaaatcat acaaatggtg gctgttctga gaatcagtct gggatttgat 60
 tgccttttcc agtgactggc tccaggccat gtctaatac cagctcgatt ccctgtgcag 120
 ttcagagagc aagtgaaccc aaccaacaat gtcgtcatct aagccctgac cctagccagg 180
 gactcccatg ctgctgttgg ctccatctct ccacactgcc tctttctttt caactttttg 240
 cccttccttt ctttaaagct attctcacat tgcttttatt tcctcctcct tcacctccaa 300
 ccactgtcag cagcactctg gagttttcaa atgtcacatt agcctcacc tgcattgctag 360
 gagatggacc tgtctctata cagcagtaga tgattgataa gtgaggaaac tgaggcttac 420
 aga 423

<210> 2350
 <211> 425
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1) ... (425)
 <223> n = A,T,C or G

<400> 2350
 cggcagcggg ggccgtagct ccacgcatt ttatgtttct ggcgagaagg gaacggagtt 60
 ttcacagggc agattgggtt ttgtgcggcc gtctccacc gtttcctcca ggacagcacc 120
 tagtcgtggc cggaggagtc tcagagctgt cagaaagaat aagactgatt ttatgggaaa 180
 attaagcaga tgctccagtt tgagaaacct ggatctgcga tctgtttgtg gtaccagcat 240
 caagatgatt tatggtaata agatataaaa ccaaggaaaa taacctaaag tctgaaaaag 300
 accagaatcg aagtttcctg attcatattt taatgttttg aaatttatac tccaggctgg 360
 gtgcagtggc ttgtgcctgt aatcccagca ctttgggagg ccgaggcggc cggattgcct 420
 gaagn 425

<210> 2351
 <211> 429
 <212> DNA
 <213> Homo sapien

<400> 2351
 ggcacgaggg acttcggtct ctgcggggac gtccacgtgc ggctgcgcca gcgcattcatc 60
 ttgtacgaat taaagggtga gctggaggag acagtgggtgc ggcgccaggc tgcggtgcgg 120
 acgctggggc agcaagccag ggtttggttg gtgcgggtgc tgcacacct gctgggtggtc 180
 gcgctcctgg ggcagcctt ctatggcgct tactgggcta cgggggtgcac cgtggagctg 240
 caggagatgc cccttgctca agagttgcca ctgctgaagc ttggggtgaa ttaccttccg 300
 tccatcttca tcgctggggg caattttgtg ctgccggccc ggggtcaagct cattgcttca 360
 ctggagggtc acactcggag gcgccagatc ggttttattc ttgtcaagac cgtgtgtctt 420
 tgccttcgg 429

<210> 2352
 <211> 428
 <212> DNA
 <213> Homo sapien

<400> 2352
 cggttgctgtc gaaaaaagag aagttcgctt tatggacaga cttcgtgaat gggaatttgc 60
 ttataattgt gagtagttct gaattagaaa agtatgtgaa ggaaaggcag ctgtaaacgt 120
 attgtgccct ggagagttgt acacatgttg aaatgtaatc tgggcttacc tgatccattt 180
 ggagtggatg tctactgccga gtctgttctc acatggaacc atgtgtgtgg ggttgccagc 240
 ctcacagata caatcaatcc tattcccctc tgacataagg aactcctctg gagtggcaga 300
 gtcttatcac agaaggcagc caccatttca ccaaaacaaa agttcacggc attcaattcc 360
 tttttccttt agctatttat atatgcagta ctctcagtca tatgcagaaa tacttttttt 420
 tttttaag 428

<210> 2353
 <211> 432
 <212> DNA
 <213> Homo sapien

<400> 2353
 ggcaccttgg cttcccggca ggaggtggac acccatccag aggcctggct caaggtgacc 60
 tcaccttcac catgggcttc ctgggtgcgc gggcctgagc gcaggttgtt ttgtacatat 120
 tggaatatgt gttaacttat gccccgcac ccaactcaca cggaagcacg ggtcttgtct 180
 cagtctcttc gctgcatttg gaaagcagtc tcctctcggg ccagcgccgg gctgaggtgt 240
 ccagaggcgg cggcagctgg cagtgccctc agccccaag tgtccagcct ggcacttccc 300
 attcaggcca cctgctttgg gtcaacagtt cctttgccag cagcatctcc taaattgtaa 360
 ggactctgtc caccggggcc ctcccagggc tgtgaggaca gaaacaggca gggagtggag 420
 ctaacagctt at 432

<210> 2354
 <211> 437
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 2354
 cggttgctgtc gggggaccaa ggccgggact gctgtggtga aggtccggga ggctgagtaa 60
 ggggacggaa gggcacaggc catggaaaag aatgacatca tcaacttcaa ggctttggag 120
 aaagagctgc aggtgcact cactgctgat gagaagtaca aacgggagaa tgctgccaa 180
 ttacgggcag tggaacagag ggtggcttcc tatgaggagt tcaggggtat tgtccttgca 240
 tcacatctga agccactgga gcggaaggat aagatgggag gaaagagaac tgtgccctgg 300
 aactgtcaca ctattcaggg aaggaccttc caagatgtgg ccactgaaat ctccccggag 360
 aaagccccc tccagcccga gacgtctgct gacttctatc gtgattggcg acgacacttg 420
 ccangtgggc cagagcg 437

<210> 2355

<211> 431
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(431)
 <223> n = A,T,C or G

<400> 2355
 ggcacgagac aggtttctaaa gaagtaccca cgcctctggt gcatgaccaa gccccctagc 60
 cggcggccga agctttacat cgtgaacctg cagtggacct cgaaggatga ctgggctgcc 120
 ctgaagctac atgggaagtg tgatgacgtc atgcggctcc tcatggccga gctgggcttg 180
 gagatccccg cctatagcag gtggcaggat cccattttct cactggcgac tccccctgct 240
 gctggtgaag aaggcagcca cagtcggaag tcgctgtgca gaagcaaaga ggaggccccg 300
 cctggggacc gngtgcacc gcttagctcg gccccattc taaggggctg gtttggcagg 360
 ggcttgacaa aacgcacaaa aaggaagaaa gtgacgtaat cacgtgctcg atgaaaacaa 420
 gttgcacttt t 431

<210> 2356
 <211> 427
 <212> DNA
 <213> Homo sapien

<400> 2356
 ggcacgagag acgctctttc ggtggctggt gccacacgga ggcaagagtc tcctgctgaa 60
 taacgagctg aagaaaaggac cagcgtggt tctgttcata ccttttaatc ccctggccga 120
 aagtcaccc ttaatagacg agatcaccca agtggccttg gagtacaaca actgtcatgg 180
 ggaccagggtg gtggagcgtc tccttcagca cctgcggcgg gtggatgctc cagtgtctga 240
 gtccctggcc ctggaagtgc cggcacagct gccagaccgg ccaacgatca cagcgtcccc 300
 ctgctgcaac actgtggtgc tgccccagtg gcactccttc tccaggaccc acaacgtctg 360
 tgaactctgt gtcaaccaga cctccggggg catgaagccg agctcgggtca gcgtgccaca 420
 gtgcacg 427

<210> 2357
 <211> 427
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 2357
 cgttgtgtc gccaaactcca aactgacctg ggccgaggct gcctcgtgag cctcccagag 60
 cccaggcctc cgtggcctcc tcctgtgtga gtcccaccag gagccacgtg cccggccttg 120
 ccctcaagg tttttgcttt tctcctgtgc acctggcgag gctgaaggcg aggggtggag 180
 gagggccccag cacagcctca tctccatgtg tacacgtgtg tacgtgtgta tgcgtgtgtg 240
 tacgcgtgtg tacgcgcgtg tgtacacatg cgtggccgcc tgtggtgtgc acgtgtgctc 300
 tgggctccga ggcttctcca gagctgggag ctggctggcg tggcaagggc atgctctggg 360

gcagtgtgtc cctcaggaac caggggtcctc cctccccctt ctgcctgggc agccccgtgg 420
nctctgg 427

<210> 2358
<211> 439
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1) ... (439)
<223> n = A,T,C or G

<400> 2358
ggcacgaggc ggactctaaa tgctctggac aaggatgtgc acgcggtggg caaggctgac 60
ttgggcagag gctccggggc caggggtgtcg agggctaaag gcccaggga gcagcgtgcc 120
ttgggggctg gaggaattcc aagaagggtg cagtggagga ccccgcaagg ggaccgcct 180
ctggggaaag atggagcacg cagggcccag acaccagggt gtgtaggga ggggtgtggc 240
actaccccg ggcccctggt tcctggggca actggcccac cagccctgcc aggtcagggg 300
gtttcctgag tgtgcaaagc ttctctctcc ttcttgccg attcttcct ttacacgtga 360
ttntagttat ttactcaaca agcatttatt gccgggcgcg atggctcatg catgtaatcc 420
cagcactttg ggagggcga 439

<210> 2359
<211> 429
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1) ... (429)
<223> n = A,T,C or G

<400> 2359
acctacttgn nngnttggca ggatctcatc gatatacaatt cggcacgagg gatgctccat 60
ccaaagtga ttatgcttac agacctggta cctggatttt tgcccagagat gattcctacc 120
accttactac tgacgaagac acccattcca gtggaccact gtgaccagg aggcattcag 180
ccatcatgat gtggccttta cctccactcc tgtcttggtc taccagatt cagcacagcc 240
ctttatagt aagacagagt cctcaagcca aatagctaaa gctgttttat cacaacaaag 300
gcctagtgtt ttccatgagt gtgcatttca tttcttcagt taaagccttc agagacacac 360
aataaatttg gaccagggga ttttttagtt attaagtctc tctgaagaaa ggcaacatct 420
ttttgagag 429

<210> 2360
<211> 424
<212> DNA
<213> Homo sapien

<400> 2360
gttcggcacg agcctacaca tccccggagg ccgccacaag ctgaaccca gccagaacgt 60
ggcggtcagg gaggctctgg agaagccttt cagggtcatt cagggcccac caggtacagg 120

```

gaagacgatac gtgggcctcc acatcgtatt ctggtttcat aaatcaaacc aggagcaggt      180
gcagcccggga ggcccccccc gtggggagaa gcggtctggg ggtccctgca tcttgtagtg      240
cggccccctcc aacaagtcgg tggatgtcct ggcaggactg ctcttgagaa ggatggagct      300
gaagccccctc cgtgtgtaca gtgagcaggc tgaggccagc gagttcccag tgccgcgtgt      360
gggcagcagg aagctgctca ggaagagccc ccgggagggg aggccgaacc agagcctcag      420
gagg                                              424

```

```

<210> 2361
<211> 415
<212> DNA
<213> Homo sapien

```

```

<400> 2361
ggcacgagct ggggggaggg ctatagcaca gaggctctgt cctttgaggg tgactgaacc      60
aacaggggaa agcgaggcat ggtgaaaata gccatggatg gccaggctgg tctcgaactc      120
ctgacctcaa gtgatccacc cacttcggcc tcccaaagtg ctgggattac aggcgtgaac      180
cacctcgccc tgcaggagtt gattttaatt atgaaccatg attaaggaag gcaatgacca      240
cttatgattg ggggtataac gtgtattcct tcactaatct gtgccttggc tcttgacctac      300
ttggatcaga gagcagagag aatccttcat aaagaacaag gaaaaacagg tgaagttatt      360
aaattaactg atgtaaagga cttctcctta cccctgtggc ttatatttat catct          415

```

```

<210> 2362
<211> 413
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1) ... (413)
<223> n = A,T,C or G

```

```

<400> 2362
ggcacgaggt tagaattaaa gcttatatct ctaatcaacc catttacagt atttcactta      60
gcctataacct tatttttagca tgagagcata atcttacact ttcattgctaa aataaggtag      120
aggctaaggg aaatactgta aatgggttgg ttagaattaa agtttagaac tctaaatcct      180
atgcttatct ttaaagaaaa aagttgcctc actgtcatga aatcctgtta ctttcattaa      240
aaaaaaaaat cttgtaaaaat ggttaaattg gataatgtaa gacataatga aggcttttag      300
gcatttcata ctttaccagt ttacatttgg ctaacatact ggtaaggatt agggttctct      360
ccactattgg aaaattaaat gctaaacgtc ctaagaatta cgttgatttc aan          413

```

```

<210> 2363
<211> 422
<212> DNA
<213> Homo sapien

```

```

<400> 2363
ggcacgagga gagagagaga gagagagagt tagagataga gagagagaga gagagagaga      60
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga      120
gagagagaga gagagagaga gagagagaga gtgagagtgt gagagacaga gagagattga      180
gagcgccccc cccctctttc tctccccctc ctttggtttt ttttttttcc cctctctctc      240
tctctctctc tctctctctt ttcttttttc tctctcctga ggggtggccc ccttctctct      300

```

```

cttctctctc tctcgcgcgc gcgctccttt tttttgtggt ctttctttgt tgggcccctc 360
tctcctctcc ctctctccct ctctcacccc tctcgtgtgt tgttcgctcc ctctctcccc 420
cc 422

```

```

<210> 2364
<211> 414
<212> DNA
<213> Homo sapien

```

```

<400> 2364
ggcagcagct ggacttaaac attactggaa ttttgtgtaa atggtttctt acaagatttc 60
acatctttac aattctgatg cttttttaaa aaaactaaac tttaatattt ccatttaaaa 120
ttaaagaaaa tgggaaattg cctacggagc atattgcttt tcagatcata ggtatctttt 180
ccaataactt tattgtaaat ttttaaggag tttcgttgga ccctagagcc ataccttcac 240
tgacatctca tccgtttgtg tttccaaaag ctgcttttac aggtcttagc cgccgccccg 300
gaggccggtg tgggcgtgac ctgcatgcgt ccaccctgcg gctacgggag aagtcttagt 360
aacttggatc tggagtcttg aaaaacacaa accttacaaa tgcattcttc tttg 414

```

```

<210> 2365
<211> 405
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

```

```

<400> 2365
cgttgctgtc gcaggcacac aggtcccggg gcatcaggag aaaggctggg tcttgggacc 60
ttgtcctccc cagttggcct actgttacac attaaaacga tttgccagc tcanaaaaaa 120
aaaaaaaaaa aaccttcggg ggccgttttt ttcgtaaaac caaaactgaa aaaaaccctt 180
ggggagttgg gacaaccccc ccctaaaagg gggggaaaaa aaggcttttt ttggaaaatt 240
ggggaagctt ttgttttttt tgaaaccctt aaaaccggga aaaaaaaaagt aaaaaacaa 300
aatggctttt tttttatttt taaggttcag gggggggggg ggggaatgtt nnnncnncnc 360
ccnccnncann nnnntnccca aacaaaaaatn cccaaaaaaa acccc 405

```

```

<210> 2366
<211> 406
<212> DNA
<213> Homo sapien

```

```

<400> 2366
ggcagcagca cagtcagtgt taaagatgtg tatgtatatt actatacata taaattgcac 60
agcggagtat acatgtcaaa tcatattaat caaaatttat ctagccttcc tttaaacaat 120
ttatctata atatggatat taggcctctt tttctactta gctccagttt aactacgtct 180
aggctgatgg tataaaaaatc acatgaaatg cgcaatggcc tatttcttat tagaaacctt 240
aaatggacat ataccaaatt atgagaatta taaatgtagc acaaaggata ggggtgagtc 300
taaatctatt ctgtaaagat gaaagctctt attttctaaa tctattctat aaagatgaac 360
tattttttta tctataaacc tcctttaagg gacgcagagc attcat 406

```

<210> 2367
 <211> 406
 <212> DNA
 <213> Homo sapien

<400> 2367
 ggcacgagtg tagatctcaa ttaaagaact aaccaggat acctgaacta aagagaggtg 60
 gcactgagtt tccatagaac ttcaaaacaa ttggttgatt tcacttaaaa aaaaaaagtc 120
 attcaatata cagaaaatta ctcccttggc cagtactgtt agccccaat aatctgaaaa 180
 aatttgttct taaaaaaaaa aacaatttgg aggccaggca tgggggttca tgcctgtaat 240
 cccagcacat tgagaggtca agttgtgggc atcacttgag cccaggagtt tgagaccagc 300
 ctggacaaca tggggaaacc ctatttctac aaaaaaatat aaaatttacc cgggcatggg 360
 ggcgcatgcc tgaagcccca gctactcggg aggctgaggc ggaagt 406

<210> 2368
 <211> 407
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 2368
 nncccnanaa ttcttggtat tctgctgctg tgaatagggt tacttattct tttaacatat 60
 attgtgtgac tacgcaagta taggtcctgt tgtattgcat taatctttac cagtaactaa 120
 acatcacaag gttaaatattg gtttggtgga aagaattatg cagtaaagtt atttataagg 180
 gaacatgatg actttattca atatttttct tctttgaaac atctcattac taacttttaa 240
 gattatttca taatccctta tacatgagcc aatgaaatat tttgagctct acttaagaag 300
 catgaagtct atattataaa tctaaacaac aaaagcactt gtaacttggt tagtaaattc 360
 catgccttat tttccatttt tgacaccgca nagtgcattt tctgtcg 407

<210> 2369
 <211> 407
 <212> DNA
 <213> Homo sapien

<400> 2369
 ggcacgagat ttcttggtat tctgctgctg ggaataggct tacttattct tttaacatat 60
 attgtgtgac tacgcaagta taggtcctgt tgtattgcat taatctttac cagtaactaa 120
 acatcacaag gttaaatattg gcttggtgga aagaattatg cagtaaagtt atttataagg 180
 gaacatgatg actttattca atatttttct tctttgaaac atctcattac taacttttaa 240
 gattatttca taatccctta tacatgagcc aatgaaatat tttgagctct acttaagaag 300
 catgaagtct atattataaa tctaaacaac aaaagcactt gtaacttggt tagtaaattc 360
 catgccttat tttccatttt tgacaccgta aagtgcattt tctgtcg 407

<210> 2370
 <211> 407
 <212> DNA
 <213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 2370

ggcaccgagac aattccgggg taaattaatt tcttagaaat gtttcagaga ataatacttt	60
ctgcctcaaa agtatgcatt tattatgtat caaataaaat tttaaattta gagaacattg	120
aagaaatatg agatcagaga aatcaaagat tattattaaa ttacatttct tttggtatct	180
cctgagattt ctcagttatg cttacttgt attcattcat ttattcatca aatacaatat	240
ttatctaaaa cctgctatga ccaagactgg gtgaggaact ggagacatag ctattaaaaa	300
aaatagtatt tatatttata aatgatgaaa caaaaagaaa aaatagaagg tgaatcggtg	360
ggtaaaaaga gacaatagac taccagccaa tctcaatgtg tgaaccn	407

<210> 2371

<211> 422

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(422)

<223> n = A,T,C or G

<400> 2371

nnnnnnnctt taatcccagc actttgggag gctgttgctg atggatcgcc tgagggttggg	60
agttcagagac cagcctggcc agcatggtga aacctgtct ctactaaaaa tacaaaaatt	120
agccaggtgt ggtggcgcac acctgtagtc ccagctactc gggaggctga ggcaggagaa	180
ttggttgaac ccaggaggcg gaggttgtag tgagcagaga tcgtgccact gcactccagc	240
ctgggtggac agagcaagac tccgtctcaa agaaacaaac aaaaaattaa aagggataga	300
atataatgaa atatattttg aacttaaatt atattctata tgtgtatctt cctaggcaaa	360
agctgtaatt tccagagaga ccattaggaa caggtagcat ctatttttct ccattattta	420
tt	422

<210> 2372

<211> 168

<212> DNA

<213> Homo sapien

<400> 2372

taaaggactt aaacacctat gcgcgatgat aaagagggtg ctattatagc gcttggaata	60
taccaggaag ttgagagagt taacagaagg gcgcagctg gattggccac aaaatcgaat	120
tactgaggcc actactgatt aggacactta tggagaacgt gggtagca	168

<210> 2373

<211> 410

<212> DNA

<213> Homo sapien

<400> 2373

cgctgctgtc	gatagatatg	tatgtttgca	tataggcaca	tttagctgga	tgaagttaga	60
tttaaagtgt	ccaatagaga	actgtgcata	caattacata	ggcaaccaca	aatcaaccct	120
ttctctgggc	tatctaaaat	aatcaggtac	tagaccaaaa	aatgacatgc	tgtctgcctt	180
accttttagt	gatgatttgt	aggaagagga	aggtaggggc	tggtagtggt	aaaagtagta	240
gaggttgtga	gggaatgttc	tgtatgtctg	aagacaaagt	ctggagattg	gtgggccaga	300
aggtgtgaat	ctactctgaa	ggacaggcaa	gagtccagcc	cagggaaaaa	ggtgcagatg	360
ggtaggattt	gggtgggtac	ttgaattaaa	aaaatgaatt	tgcgagggcat		410

<210> 2374

<211> 422

<212> DNA

<213> Homo sapien

<400> 2374

caagagactg	acccttgaag	ctcactggct	gcatggggagg	atatgggtgt	tgaaaaacat	60
ctggaagaaa	gggggaaaag	ggagcagaga	aggcaaccaa	caacagctat	tatagatgca	120
gattttggag	gcagaccgcc	tgggatttaa	aactttgtct	tactactttc	gagccatgtg	180
atcaagctaa	tgaaacttta	aaaaccttac	tttctttaat	aagtaaaaaa	tgaaaaataa	240
tacctgctct	tgagattgct	aagattaatg	aaagaacgta	tgagtctgtc	aaatgtcctg	300
gtccacagaa	gggactcaat	gactgtgttc	cctttgttct	tgctaggatg	tgcattaggt	360
tacagtgtag	ccacttgata	gcactctgaag	ggatcattac	cttgctatat	ccaacaaatg	420
tg						422

<210> 2375

<211> 406

<212> DNA

<213> Homo sapien

<400> 2375

ggcacgaggc	cagtcatgag	gatgggtgtcc	tggagtcttg	tccaccctct	ccatacaagt	60
ctcaaaagtc	atcctcctac	tcagtgtatc	acgttttagtg	gtttatatta	ttaagggttg	120
attcaaacag	agccttttct	gtcctgtaga	taatctacat	gtttgtagaa	ttattttgaa	180
tatgttttag	gaaaatgttt	aaaatctaaa	tatactcaca	taacttgatt	attcactcct	240
ctgaaaagat	gctggatagg	ctaccaaaagt	tcccaagtgg	tagataattc	agaagacttg	300
tttgaatttg	gatttttttt	ttttttggag	gggggaaggg	tataaggggg	gctaaaaatt	360
tgaatcctta	ttatttttat	ttacggggaga	atttacacca	tctccg		406

<210> 2376

<211> 420

<212> DNA

<213> Homo sapien

<400> 2376

acatgatctt	tatgcaggat	cccatcgaga	tcgctttttac	cacggccata	tggccagata	60
acttttcaaa	agcattagtt	aaagaattct	gattagtttg	aattagaaac	aaaactcaaa	120
gaacatgacc	taatttaaca	ggttaatttg	aagtgcattc	gccaagtaga	agaccagcaa	180
gaaaaaaaaa	atgggttcct	aggaagaggt	agtaggttgc	atagtttttag	ggcagggatt	240
ttgccacaaa	ggaggaaact	atacgacctg	ctgcctttct	tagggcctta	ttattccaccg	300
ataacctgtt	tccttgctac	tttgcttttg	tgtaagcaga	gttctttctg	taggtttttt	360
caaatgaaaa	cattgcacga	atatcaaaga	gagcagtgtt	tgcgttagtg	attataaact	420

<210> 2377
 <211> 420
 <212> DNA
 <213> Homo sapien

<400> 2377
 cggcacgagc aaagaggggt ttctacatac acagaagcag ttcaacttct caagttaatt 60
 ttgataagca gaatctacta ctggccagag cgacaggagt ggctaggggt tgccagccag 120
 tccctttctg atgatcaagg ccctgcacag caggatgccca caggatgccc ctgccatcta 180
 gctggaagca tcaaaagtcc ctctgtatga cccgggtgtgg gaaagaggggt tgtcaggatg 240
 agaaagtggg gctgcagggt gacgataaga ccacctaacc aactccccac ctccaccacc 300
 acaataagaa caaaactgta gggctctaaa gagaggggggt ggtttacaag tttattgagc 360
 atttactagg aagtgacatg gcgatgacct ctgtacatga gttaggttca ctttcatgtg 420

<210> 2378
 <211> 411
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 2378
 cccaggcact gtactaattt ctgaggattc ttttgtgata tcaaacagat atataagcct 60
 tgctcttatg gagcttatag tctagaaaac tggatgagag tctacatact ttccattgct 120
 ttttagtttt tggaagaaaag ctctgcagggt gaggagaagg acgtacgtgt gtatgggtatg 180
 ttaacttttt ctgtgagttg ggtagatga agcagttaga caaaatgagt ctcaaaaaca 240
 tttttggcac cgaaagtgtg atgaactata ctttttaaga attgctagct ttgtttttct 300
 cttataatct aaagggaaat atgtccactt gaactgaaac aactaagcac aatatataga 360
 acttttactt cccactcttt tgtacttagg tcagngatgt tgcaatatct n 411

<210> 2379
 <211> 409
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 2379
 cgttgctgtc gcacagagcc aagactcaat tcaggaccgt ggattcccct ggtctagaaa 60
 ttttctgctg tgccagccca caccacccca ctgtccttac ctcgagtga tttacattt 120
 gagtcatttg ctgggcccga acctagtttc cttgggtataa ttttaggata attgtttaag 180
 tggcaactat tcattcagta agtagtaagt acttattggt tgcttggttc attatgaaag 240
 agtggcacat gctcattaaa gatttggaag aatgaaagtc aaaacaacaa aatcaccccg 300
 agtcccaacc ttctgtaaca taaccactct tggcattggc gtgttccttt ctagtctctc 360
 tgtaaacggn gtgtgtgagt gtgtgggttt aactntgggt ggcctcatg 409

<210> 2380
 <211> 411
 <212> DNA
 <213> Homo sapien

<400> 2380
 ggcacgaggt ttattccctc ctgcatcatt tccataatth gcttttgtac tgtcaattta 60
 gaggaatgt gtgatgctgg tgttttggtt ggcctgtttg tttgatgctg ggggttttat 120
 gtgttgtagc ctttaccctt tacattgtgt aatttgaaag tggcaaacia acctgcagta 180
 aaagtccttg attggcatct tcattcggat gatggagagc ctttgtggtg gtgtttgctt 240
 atgtgaacag caggcctttc agataagaga agtggccttt ccttgggtgat gaaggggtag 300
 agattgagcc atggggatgg tttagggtta agaatgcttt tttttggcca tcatgaggat 360
 ctaacaacag agtagaagga aggatgccct aggtcagcat gcaggggtgt g 411

<210> 2381
 <211> 417
 <212> DNA
 <213> Homo sapien

<400> 2381
 ttcaaattca gttcagtttc tggatcatcaa aaaatcaatc tgttttaaga tctagtctta 60
 cccatgaaaa ctttaataat ggtagatata taaaacatga gtttaattacc cccaaaatgt 120
 ttcagttttt tcattgttat attgccaaaa accattctgg ctatatatat ttttaaaaga 180
 agccatttgc atgtccttta gtggtagaat agaaatttgg ttaaaattgg atgacattta 240
 ctttaattat cttcaaagta tgatgaatth ttcattgtgt gaattgtgtg tctgataatt 300
 ttttaggaaa caacactcca ctgagagagc tagaatctta gaattcatct acttcattct 360
 cctcctggta ctctactttc ttctacaacg tcccagccga gctgaggtct gagctgt 417

<210> 2382
 <211> 410
 <212> DNA
 <213> Homo sapien

<400> 2382
 tacggctgag agaagacgac agagggatga tctagcctct gctccagaag gatctgtctg 60
 gctgccatgt gggggacatg gaggggagca aagacaggag cccagtgaga gtcgagggag 120
 aggtgacctc agcttgggct gcggtgcagg ccatgggact ggcaggaggc ggctgggggt 180
 acgctgtctt ttctaactt cagcattggc tcagggggcca ggtcagggtc cacagactgt 240
 tgctataaag ggctgggtgg ctttcttccc cacagctact cagcctaatt ccattgcaga 300
 gcacatgtag ccatggacaa cacaaggggc gtatccgtgt tccaggacag ccatattgac 360
 aggaataggc acgaggccag atttggtcct caggctgtaa tttcttgccc 410

<210> 2383
 <211> 414
 <212> DNA
 <213> Homo sapien

<400> 2383
 cggtgctgtc gtccaatcca ttatctagtt ttctgttctt atcttacttg tctgcccctg 60
 gcactgttct tcacagttgt actcgtcctt ttttgcttcc aaattacatt ttctctatct 120

ggctactgagc	tccctgttaa	ctttctttac	tcttggtttt	agcattttcca	tttccttgaa	180
tgtgccagag	ctctgtcctc	tgggtctttg	tacaggttgt	tccttggggc	tacaatactc	240
atttccaaac	ttttcactta	actaagaatt	gcaggcctca	gcattaatgc	tacctgaagc	300
tttctcta	cctcatttaa	attagttctg	ttacaaactt	tcaagttgcc	atattctttc	360
ataacattaa	cacaaatfff	gtaaacatgt	atttggtggt	ttggctaatt	tctg	414

<210> 2384

<211> 416

<212> DNA

<213> Homo sapien

<400> 2384

cggtgctgtc	gtttctcctc	tgggctatgt	gcgcctctaa	ggagttcaca	cactttaacc	60
cccttaggaa	ccctacatga	tcatcctcgt	ttcttaaaga	ggaagcagag	ccagcaaaca	120
agtgggggag	ccacagttcc	agcccagggtg	tcactggggc	ctgcctgccc	cagccagctc	180
ctcaggagca	cacggcaccc	cacgtgcgtg	caggggacag	ctgtcctcac	aggaacagcc	240
ccgggaccta	caggacttcc	tgggggtttac	cctcagagca	cccatgaggt	tagaatcaca	300
aagcccggga	gtcaggagac	acagggcagc	tggagggagg	tctttactga	ggctactgag	360
gcacagcagc	cccgtctaga	ggcctccccg	agaggcactt	cctgaggagt	ctggtg	416

<210> 2385

<211> 405

<212> DNA

<213> Homo sapien

<400> 2385

ggcacgagat	attcctttgt	gagaaaagtt	ttgatcttta	gcctagaatg	atgcgtaaaa	60
gaaataaaga	taattctact	gcttgttctc	acccgggttac	aaagcatgag	tttgaagaca	120
ataagtgcct	tgtccacatt	ttgcgagaga	caacagtaaa	atactccaaa	atacgttctt	180
ttcatggtea	gtgtcagctt	gatttatgtc	gacatgaagt	tcggtatggc	tgttttaaggg	240
aagatgagtg	cttttatgcc	catagtcttg	tggaaactgaa	agtctggata	atgcaaaatg	300
aaacagggtat	ctcacatgat	gctattgctc	aagagtctaa	acgatattgg	cagaatttgg	360
aagcaaatgt	acctggagcg	caggtagctg	gtaatcaaat	aatgg		405

<210> 2386

<211> 416

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 2386

ggcacgagga	gattttcaac	acttatgggc	aaatggctaa	ctggcaactg	attcatatgt	60
acggttttgt	tgaaccatat	cctgacaaca	cagatgacac	agctgacatt	cagatgggtga	120
cagttcgtga	ggcagcatta	caggggaaca	aaactgaagc	tgaaaggcac	ctagtgtacg	180
agcgtctgga	tttctatgc	aaactggaga	tggtagggga	agagggagcc	tttgtgatag	240
ggagggagga	ggtgctgact	gaagaggagc	tgaccaccac	actaaaggta	ctgtgcatgc	300
ctgctgagga	gttcagagag	cttaaagacc	aggatggagg	gggagatgat	aaaagggaag	360

agggcagcct gacgatcaca aatattccca agctcanagc atcgtggaga cagctg 416

<210> 2387

<211> 411

<212> DNA

<213> Homo sapien

<400> 2387

ggcacgagca tgcttcgaaa cggagctccc ctcaccagac tcccagagtga caagctgaaa	60
gcagtcattcc cccattcctt acccccttcc agttttgagc tgcggagctc tgatcggtcc	120
cggacgcgtc acaacgggaa ggcagacccc atgaagactg cgctgcccc gagagccagc	180
aggggccacc ccgtgggcgg cgggggcaca gacactcaga aattggagac cagcagaagg	240
cctccatctg gaacttccac tacctccaag agcacctctc caaccctcac gccctcccc	300
tcacccaaag ggcacactgc agagtcctca gtgtcttctc cgtcatcca tcggcagtc	360
aagagcagtg tgggctccag cagtggcacc atcacagatg aggatgaact g	411

<210> 2388

<211> 411

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 2388

ggcacgaggt ttccttctcc tcctccccgg gacaagggtg catatacaat gtcattgttt	60
gggacccggt tctaaatata tctgctgcct acattcctgc tcacacatac gcttgagct	120
ttgaggcagg agaggtagt tgtgcttccc taggaagagt gtcttccaaa gtgttcttca	180
ctctttttgc cctgcttggg ttcttcattt gtttctttgg acacagattc tggaaaacag	240
aattattctt cataggcttt atcatcatgg gattcttctt ttatatactg attacaagac	300
tgacacctat caagtatgat gtgaatctga ttctgacagc tgtcactgga agcgtcggtg	360
gaatgttctt ggtagctgtg tggtagcgat ttggaatcct ctgatctgc n	411

<210> 2389

<211> 417

<212> DNA

<213> Homo sapien

<400> 2389

ggcacgagcc ttgggccaga ccccttcccc tggggtgctg atttcacacc tgtaaaatga	60
agaagtttga cttgcacagt gcttttctta gactgtggta aggggtggat gtggggtag	120
tgccaagacc aagtgaagaa ggcttctgga cctccatcct tgcttcagcc agagcagcgt	180
gggttcattt catttttggg ttttggtttg tgggaagaaa gggttctctt gccggtgtgt	240
gtgtttctga taaacaaaga agtgtggaag tggctgaatg agatgacca aggactcttt	300
ctgggaagat gcaggaggaa gtaggtgagc tgaggggaag ctggtgggga taggcctggt	360
ggggcctggg gagaaggatt tgaaggctca agtcacacgg tgcaggatgg gactcaa	417

<210> 2390

<211> 413

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 2390
cggtgctgtc gggcgagtct ttaaaggagt ggctcatctt tcctctccct ggggcatttt 60
ggtgtgggag actacagggg atgaggttaa aaagcttggg cggcaggtag aggatgggga 120
gagaggttag ggccttggga aaggtgggag atcagccaga gacaggtttc ccagaacaga 180
atgtctggcc tttgtggtga ggagggactg tggatgagc cgcanaagcg ggccaggggt 240
aaacctcct gtgcgtcctt ccttcagcct ggtcctgagg gtgacccttt gatcctgggt 300
tctccaggtg gggctgtgag ctgtgagttg gatccttttg gtgaaatggt ctctctcatc 360
tggcctgtca ctcaatgtgg aatagagtga gtgagttcta tgggttctaa gtc 413

<210> 2391
<211> 407
<212> DNA
<213> Homo sapien

<400> 2391
ggcacgagcc caggctcacc ctacggaaag aggggggttct gttggcccca catgacctca 60
tccctgatgt gctgcagagc aatgacgagg tgttggctga ggtgacttcg tgggacctgc 120
ccccgttgac tgaccgctac cgcagggcct gccagagcct ggggcaaggg gagcaccaac 180
aggtgctgca ggccgtggag ctccagggct tgggcctctc gttcagcgcc tgctccctgg 240
ccctggacca ggcccagctt acacccctgc tgcggggcct caagctgcac acagcactcc 300
gggagctgcg cctggcaggg aaccggctgg gggacaagtg tgtggctgag ctgggggctg 360
ccctgggcac catgcccagc ctggccctcc ttgacctctc ctccaat 407

<210> 2392
<211> 405
<212> DNA
<213> Homo sapien

<400> 2392
ggcacgaggt tcgaagtaag cagagcaaaa ccgaacgaga agcagagctc aagaaactgc 60
aagaagccag agagagaaa cgggttgggaag ccaagcaacg ggaagacatc tgggaaggca 120
gagaccagtc tacagtattga acatcactca atgaaaggga taattccatg aatcagaaaa 180
tgttccata gccttcagat aagatgatcc ttccagagct ctatgtacat gcagatgtgc 240
atgttaaaga gataaagtga tcgagacaag gactgactgg gtatagaagg aagacagact 300
cctgtcttca ctctaaatg cagttctttg gaatcacctt actgtgggtgg gcgtagtagg 360
gagccatcag ctaggaagaa acgtgggaga tgtgaattcc aagag 405

<210> 2393
<211> 411
<212> DNA
<213> Homo sapien

<400> 2393

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ggcacgaggg ttgctgcgcc gtcctccact actggctact ggcgctgcag ccatgcagcc      60
cccccccg ggcccgctgg gcgactgcct gcgggactgg gaggatctac agcaggactt      120
ccagaacatc caggagaccc atcggtctta ccgcctgaag ctggaggagc tgaccaaact      180
tcagaacaat tgcaccagct ccatcacgcg gcagaagaag cggctccagg agctggccct      240
cgccctgaag aaatgcaaac cctccctccc agcagaggcc gagggggccg cacaggagct      300
ggagaaccag atgaaagagc gccaaaggcct cttctttgac atggaggcct atttgcctaa      360
gaagaatgga ttgtacctga gcctggttct ggggaacgtc aacgtcacgc t          411

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<210> 2394

<211> 411

<212> DNA

<213> Homo sapien

<400> 2394

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gctgggctgg agacggcggg agccgctgct ctccggctga gggaatcaga gacagctccg      60
tccttagtgg agcgagggg aggcagaagt catgacaggc gaggtgggtt ctgaggttca      120
cctagaaatc aatgacccaa acgtcatttc acaagaggaa gcagatagtc cttcagatag      180
tggaacgggc agctatgaaa caattggacc cttgagtga ggagattcag atgaagagat      240
atttgtaagt aagaagttga aaaacaggaa ggttctacaa gacagtgatt ccgaaacaga      300
ggacacaaat gtctctccag agaaaactac ctatgacagt gccgaggagg aaaataaaga      360
gaatttatat gctgggaaaa atacaaaaat caaaaggatt taaaaactg t          411

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<210> 2395

<211> 406

<212> DNA

<213> Homo sapien

<400> 2395

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gctgggctgg agacggcggg agccgctgct ctccggctga gggaatcaga gacagctccg      60
tccttagtgg agcgagggg aggcagaagt catgacaggc gaggtgggtt ctgaggttca      120
cctagaaatc aatgacccaa acgtcatttc acaagaggaa gcagatagtc cttcagatag      180
tggaacgggc agctatgaaa caattggacc cttgagtga ggagattcag atgaagagat      240
atttgtaagt aagaagttga aaaacaggaa ggttctacaa gacagtgatt ccgaaacaga      300
ggacacaaat gtctctccag agaaaactac ctatgacagt gccgaggagg aaaataaaga      360
gaatttatat gctgggaaaa atacaaaaat caaaaggatt taaaa          406

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<210> 2396

<211> 415

<212> DNA

<213> Homo sapien

<400> 2396

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cacactccac gctgagaaag agtaattagg aggcctgatg aggggccgag gaaaggctgt      60
tggggtgtgc tggggttggg accctagcgc cttccctca cctcaaccag agaagagcat      120
ccgggtgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattaaag      180
atgcttctgc tgatcgcaag ggttcttatt tgaaaacatc tataatgggg gaggtgtggg      240
aggattcttt caaggacctg cacagcctcc tgatggagat ccaggctctg cgcttgcaac      300
tagaaaggag catcgaaacc agcagcactc tgcatagcag gctcaaggaa caactggcaa      360
ggggtgcaga gaaggcacag gaaggagccc tcaactctggc tgtccaagcc gageg          415

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<210> 2397

<211> 407
 <212> DNA
 <213> Homo sapien

<400> 2397
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 tgctctggct ccccgcgctgc gtcgcggccc acggcttccg tatccatgat tatttgtact 120
 ttcaagtgct gagtcctggg gacattcgat acatcttcac agccacacct gccaaaggact 180
 ttggtggat ctttcacaca aggtatgagc agattcacct tgtccccgct gaacctccag 240
 aggcctgcgg ggaactcagc aacggtttct tcatccagga ccagattgct ctggtggaga 300
 gggggggctg ctccttcctc tccaagactc ggggtgtcca ggagcacggc gggcgggagg 360
 tgatcatctc tgacaacgca gttgacaatg acagcttcta cgtggag 407

<210> 2398
 <211> 409
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 2398
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 gtaccgccc ccattcgtcc tggcgctccg gatgagtcag tgaggggagc ggccccagga 120
 gtggtcttcc caagaacccc tgggtggctc ccaaggccgg tgctgtgtac ctctccccg 180
 acaaaagggg aaactgaggc cccgagggga gtgggaagag ccggctggac gtcaggccca 240
 gccgctggtg cagtggctccg tcccctctgc cggggtgggc cctcggggtt tcgctgtgcc 300
 tcgggaaaaga gactggcggc accctgatct gcactccctg aggggctccc actgtccgcg 360
 gtgtgaggat gtccctggat agtccactgt gtgcagaggc atgggagtn 409

<210> 2399
 <211> 410
 <212> DNA
 <213> Homo sapien

<400> 2399
 ggcacgaggc agacatgatg aagtacattg agacagagct aaagaagagg aaagggatcg 60
 tggaacatga ggaacagaaa gttaagccaa agaatgcaga ggactgtctt tatgaacttc 120
 cagaaaacat ccgtgtttcc tcagcaaaga agaccgagga gatgttttcc aaccagatgc 180
 tgagtggcat tcctgagggtg gacctgggca tcgatgctaa aataaaaaat atcattttcca 240
 cggaggatgc caaggcccggt ctgctggcag agcagcagaa caagaagaaa gacagcgaga 300
 cctccttcgt gcctaccaac atggctgtga attatgtgca gcacaacaga ttttatcatg 360
 aggagctcaa cgcgcccata cggagaaaca aagaagatgc ccaggccccg 410

<210> 2400
 <211> 412
 <212> DNA
 <213> Homo sapien

<400> 2400

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ggcacgaggg gtgttcgttt ctccaggtaaa acatggctaa aagcttacgg agtaagtgga      60
aaagaaagat gctgtctgaa aagagaaaaa agaatgcccc aaaggaggcc agcaggctta      120
aaagtattct caaactagac ggtgatgttt taatgaaaga tgttcaagag atagcaactg      180
tggtggtacc caaacccaaa cattgccaaag agaaaatgca atgtgaggta aaagatgaaa      240
aagatgacat gaaaatggag actgatatta agagaaacaa aaagactctt ctgaccagc      300
atggacagta cccaatatgg atgaaccaa ggcaaagaaa aaggctgaag gcaaagcgag      360
agaaaagaaa ggggaaaagc aaagcataag cagtgaagt ggcaaaggtt tt      412

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<210> 2401

<211> 405

<212> DNA

<213> Homo sapien

<400> 2401

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ggcacgagtg gccctggagg cggcgggagg gccgccggag gaaacgctgt cactgtggaa      60
acgggagcaa gctcggctga aggccacgt cgtagaccgg gacaccgagg cgtggcagcg      120
agaccccgcc ttctcgggtc tgcagagggg cgggggctgt gacgtgtcct tcgtgaaagg      180
ggacagtgtc cgcgcttggt ctccctgggt ggtgctcagc ttccctgagc tcgaggtcct      240
tcttgtggat ggaaacgggg tactccacca ccgaggcttt ggggtggcct gccaccttgg      300
cgtccttaca gacctgccgt gtgttggggg ggccaagaaa cttctgcagg tggatgggct      360
ggagaacaac gccctgcaca aggagaagat ccgactcctg cagac      405

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<210> 2402

<211> 421

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(421)

<223> n = A,T,C or G

<400> 2402

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ggcacgaggg aaaccaattt actggattgt agctggtaaa gcccttgatt atgaacagat      60
gctgcttctc atggctaatt tgaaatggga tgtaaaagaa attatgtcac agcacaacat      120
atatgtagat gcactattaa aggaatttga gcagtttaac aggaggctaa atgaagtttc      180
taagagagtt cgcataccct tgcctgtgtc taatatactt tgggaacatt gtatacgatt      240
ggctaatacga actattgtag aaggatatgc caatgtcaag aaatgcagta atgagggctg      300
tgccctgatg caattggatt ttcaacagtt tttaatgaaa cttgaaaaac taacagatat      360
tagaccatt cctgataaag aatttgtaga aacttatatt anagcttatt acctaactga      420
g      421

```

<210> 2403

<211> 408

<212> DNA

<213> Homo sapien

<400> 2403

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ccatcgattc gaattccgtt gctgtcgaga gaagccatga ataatcaacc agctggtttt      60
agagaaggca tcaactcgtg aggaaaaggc ttagtttctg gatttgttag tggcataaca      120

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ggaattgtta	caaaaccaat	caaaggagct	caaaaaggag	gagcagctgg	tttcttttaa	180
ggtgttggga	aaggtttagt	aggagcggta	gcaaggccaa	ctggaggcat	catagacatg	240
gctagcagta	catttcaggg	gataaaaaga	gctacagaga	cttctgaagt	ggagagtctg	300
cgacctctc	ggttcttcaa	tgaagatgga	gttatcagac	cgtacagggt	gagggatggg	360
actggaaatc	aaatgttaca	ggtcatggaa	aatggaagat	ttgcaaag		408

<210> 2404
 <211> 411
 <212> DNA
 <213> Homo sapien

<400> 2404						
ggcacgagca	tggctttccc	tgagccaaag	ccgcggcctc	cagagctgcc	gcagaaacgg	60
ttgaagacgc	tggactgcgg	gcagggggca	gtgcgagccg	tacgatttaa	tgtggatggc	120
aattactgcc	tgacgtgcgg	cagtgcacaag	acgctgaagc	tgtggaaccc	gcttcggggg	180
acgctgctgc	ggacgtacag	cggccacggc	tacgaggtgc	tggatgcggc	cggctccttt	240
gacaacagta	gtctctgctc	cggcggcggg	gacaaggcgg	tggttctgtg	ggatgtggca	300
tcagggcagg	tcgtgcgcaa	attccggggc	cacgcaggga	aggtgaacac	ggtgcagttt	360
aatgaagagg	ccacagttat	cctgtccggc	tctattgatt	ccagtatccg	c	411

<210> 2405
 <211> 397
 <212> DNA
 <213> Homo sapien

<400> 2405						
ggcacgagga	gagagagaga	gagagagaga	gagatatgag	agagagagag	agagagagag	60
agagagagag	agagagagag	agagagagag	agagagagag	agagagagag	agagagagag	120
agagagcgcg	cgcgcgcgct	ctctagagtg	tgttttctct	ctcccgtcca	tttacgcccc	180
cccccgcggc	gcaccccccc	ccgggggggg	gggccctctc	tcttctctgg	ggggagtttc	240
tgcgcacaca	cacgcgagag	tctctgtttt	ttttttgcac	gcgctctcgc	ccctctgtct	300
ctctctcttt	tctctctctc	tcgcgcgcgt	gggagactct	ctttgcgcgc	cccttttctc	360
atgtgtctat	gtgtttgcgc	gctatattat	agagctc			397

<210> 2406
 <211> 402
 <212> DNA
 <213> Homo sapien

<400> 2406						
ggcacgagca	ggagttcaag	accagcctgg	ccaacgtggc	aaaaccctgt	ctctactaaa	60
ggtacaaaaa	ttagctgggt	gtggtggtgc	acacctgtaa	tcccagccac	ttgggagact	120
gaggcaggag	aatcacgtga	acatgggagg	cggaggttgc	ggtgagctga	gatcacgcca	180
ttgtacgcca	gcttgggcaa	cagagcaaga	ctccagctca	aaaaaaaaaa	gagggggaaa	240
tttttgtgaa	ggggtttttt	ttttttcgaa	aaaaatgttt	gggggacctt	ccgagagctc	300
acaaattttg	atgaacgtta	aaaagcctag	tttgaggcgg	ggcggggggg	ttatgcgcat	360
gtccccaccc	tttttggagg	ccaagggggg	gggaaccacc	ca		402

<210> 2407
 <211> 390
 <212> DNA

<213> Homo sapien

<400> 2407

ggcacgagtc	ccagctacag	gaggctgagg	caggagaatt	gcttgaaccc	aggaggtgga	60
ggttgcaagt	agttgggagc	tcgccactgc	actctagcct	gagtgacaga	gcgagactct	120
gtctcaaaaa	aaaataaatg	aataaaaaat	aaaacagcaa	ctcttgca	tttcccgaat	180
gtattggtcc	cagagaacac	tgaaaataat	gtcatgttgt	taacaccagt	gggagtttgg	240
gaaataattc	cagctcttta	atacttcttt	cagcttcaga	ttaagtga	tgagtttcac	300
atatttcaat	atatgaaatt	ttatgatgac	acataaaaca	ggccaggggt	tattgaggac	360
acatctgtga	gatagtgggc	aatgctactg				390

<210> 2408

<211> 392

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 2408

ggcacgagaa	ggtacattcc	agggttcttg	ggaaagaatt	ttaaaatgcc	atcctcta	60
acagacgttt	ataaaaacta	aatgaaatga	ttgggcttaa	ccatatgcaa	gaaagtctgc	120
agaaaataaa	tcacctagaa	actataaata	gaaatgtgct	gctgaggctg	ggcacggtgg	180
ctcacacctg	taatcccagc	acttgggggg	ctaagggagg	cgtatcacct	gaggtcagga	240
gtttgagaca	agcctgggtc	acatggtgaa	acgccgtctc	tactaacaat	acaaaaaaaa	300
ttaccaggt	acattggcac	atgccttta	tcccagctaa	tcaggaggct	gaggcacgag	360
aattgctcga	accagggcgg	cagagcttgc	an			392

<210> 2409

<211> 385

<212> DNA

<213> Homo sapien

<400> 2409

ccacattcat	ccccagcctc	gctgtacagc	tataaagtgg	ggagtggcca	atcaataaat	60
cagaggcacc	tgaaaaatga	actggggaac	cacactgact	ttccccct	tcttgattaa	120
aacaaacaac	attgcgaaaa	gtcaacctgt	cactctttag	gaaagtgtgc	ggcatggaaa	180
ggcaattacc	caaatgactt	tttaaaagta	tgaaaatttg	cctggctgaa	cgttttttac	240
ttaatgccgt	gagttaacat	taataactat	tcctagctta	gtgagctggg	cttgaggggg	300
gattaggaaa	catttggtat	ctctggcagg	gacagatgtt	gacctggacg	gtcggcggct	360
tttacaacc	taaggactat	agggg				385

<210> 2410

<211> 404

<212> DNA

<213> Homo sapien

<400> 2410

ggcacgagaa	taagagcagt	atccttagct	ctagccaagc	atTTTTctaa	ttcctgcctt	60
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tggtcacaaa	gaaggaatag	cagagctgtg	aatgagttag	tggaggtcag	tcacatcaca	120
gttcatgacc	tagcgattgc	tggatgaagta	atattggaat	tttggtagca	tgagaagact	180
tataaaggat	ttcatcagaa	gttttcattt	tttctaaatc	ctcccctact	caattttcac	240
attggaaatt	actcttgat	ttgtagaaga	ttgtctctaa	aattgtggtt	taactcacgc	300
aggaagtaag	attcctatag	caagacatag	tttcatttta	gaggaccccc	aaaatcccgt	360
gaattctctg	gtgatgattc	tagcctaacc	ttcaacataa	aata		404

<210> 2411

<211> 403

<212> DNA

<213> Homo sapien

<400> 2411

ggcacgaggt	gtgatttttc	agaattccca	gagtttactc	attcttggtta	ttaaactcta	60
gccagttgac	atcttcgcaa	tttcaaggac	tgatagtgc	gtattttctc	acgttttcta	120
agtttccgtt	ttgcaaggcc	taggtgactt	tttcatgggtg	tttgtatgtt	tagctctttt	180
gaaaaggaat	tttgaaatct	ccatcaactg	aagtaaatga	tgtctgagt	ttacagtaaa	240
ggtgaccaag	tctctttctt	aaagtcacaa	tgactaaagt	attagttgaa	tttttttttt	300
ttttttgagg	gagcctcgct	ttgtccccag	gctggagggc	agaaccacaa	tcacggctca	360
ctgcaatctt	tgcttcccgg	tttcaagggg	ttctgctgtc	taa		403

<210> 2412

<211> 386

<212> DNA

<213> Homo sapien

<400> 2412

ggcacgaggg	gcatttgtga	gaaagatgtc	cctttcataa	tatatgcagt	atattccaga	60
tgttttgaga	gattacagaa	taggaggcct	gctccacttg	cagataagtt	tattataatt	120
ctccagaaat	gtgcaggatg	tgcatagca	aattgcaactg	tacttttcac	tccagcctgg	180
gggacagagc	aagactcccc	tctcgggggc	ttaaaaaaaa	aaaaatgctg	tttctaaagg	240
aatctgagta	tcttggggcc	aaatgtgggt	ttgtctcaat	ttatttaaaa	agggcttgtt	300
tcaaacgaat	aggggcctta	taggcaaacg	ccttatattt	tttaaaacga	atcttctgga	360
gtgggttttc	attttaaata	agaact				386

<210> 2413

<211> 404

<212> DNA

<213> Homo sapien

<400> 2413

cgctgctgtc	ggactttgca	agatttttta	aaaataaaaag	gaggtatacc	acctccttgc	60
ttggatctct	ttacaaaatg	ttatacttta	tggatataaa	ggtgataaag	attggaaata	120
aatcttctaa	atatgtaaaa	tgaaagcaac	agcaacagca	aacacaatta	tcgtattctt	180
tgggagtaac	aaatactggt	tttcatttta	aaactaagga	aaattttatc	agtacttaaa	240
ttcaatccaa	aaaagggttt	ataacaccca	aactgtacat	ttaaaattat	gctttcttaa	300
ggtaatggct	agcattacct	agttttgtagt	tttcttgagc	tgtaactttt	tataactgaa	360
tcattttcagt	gatttagggc	tgtctcgtag	ttggggaaga	gaaa		404

<210> 2414

<211> 388

<212> DNA
<213> Homo sapien

<400> 2414
cgttgctgtc gaacatggga agcactgcag tttagtagtc ctggtcctta agcccttcca 60
gcccaggagc cagacctgtg agcaaacaag ccttttagtga ttccaggctc tggctggaac 120
cttgagtctt ctacgcttgg ggcattgcacc tcagggggag ccagcatcag tgtccagccc 180
caagagcttc cctgtacgtc tcagttagtc ttcacatgcc tccaactgcc tggacaacca 240
cacgtgatac ctgtcctgcc aaacgtgtcc tgaaccata aaatccagag aaaagaaaat 300
cgttttaaac tgctgaggtt tggggtaagt tactatgaag cagtagtgag aagaacagaa 360
gggccatgat ggggagaaaag tttggccc 388

<210> 2415
<211> 389
<212> DNA
<213> Homo sapien

<400> 2415
cgttgctgtc gctaaacgca gataacgtaa gagtaacaag aaactaaatc aaggagcatt 60
atatagccta cactgcagag actcaatata ataaagggtg cgattcttcc taattatcag 120
atttactgca attccagcca aaatgtttca ggggattttt ttgttcgttg ttattgcttt 180
tgggttgccc tttagcttca cagggttgggt ctgaaattta tgaggaataa attcttacga 240
gcagcacgaa aaatttcgaa tctatttgta gaaactgcat atgatgatgg ttcataactca 300
gagagagaaa gattggattt ggtggtatta ctagaagttc agggactcac taatagtcag 360
gcgagtgcac aattaaatca cattgaact 389

<210> 2416
<211> 398
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)... (398)
<223> n = A,T,C or G

<400> 2416
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tgaaggaagt gtcattcatta aagtggtagt gcaatataac aaagtgttta caaacaacaa 120
accatccaac atacccccaa atgctccttt ttggttggtta tacagtttga aaaaagccta 180
cagttagcta tcaattcctt acagcaatga agtactaagc taaacaatgc attcagaaat 240
ttcttaggcc aaatcctgac agtatacca ctacgagttg gtaaacactg tttttaatcc 300
tgctgaagaa gagaaacgcg aacaccaagt aaaacttact ataaactaca aatatttcaa 360
tatttacact caatatgagt tcgacacagt agtataaa 398

<210> 2417
<211> 388
<212> DNA
<213> Homo sapien

<400> 2417

ggcacgaggg	gcacttggcc	atctcttatt	tctctacaat	aaggaatact	tcatecttat	60
ttgtaattcc	taaaactaga	ctaaatttta	tgtacatatg	tattcattca	tttctttatt	120
ttagtttggt	gatttaagaa	tattcccaca	agttaaacaa	tgaaagtgat	agttatatta	180
cagatatgaa	tgactaatta	ttcctgcccc	ccacctacat	cattttcccc	ccagcttaat	240
ggagggttta	ttgacaaaca	aaaatttatat	atacttgcat	ccagtcataa	aaaagaatga	300
gatcatgtcc	cttgaggggc	catggatgga	gctggaggcc	attatcctta	gcagactaac	360
acaggaacag	aaaaccaa	actgcatg				388

<210> 2418

<211> 387

<212> DNA

<213> Homo sapien

<400> 2418

cggtgctgtc	ggggtgaact	ttttatacta	tacttttaca	gatagaaatg	aaagtactta	60
gtaataattg	aacatatgta	cagtaaaaat	attatagctg	ttgttttaaa	ataattgtat	120
taaattgaaa	cttaagttag	tcttcaggct	ttttaagggt	ttcaaatttg	aactggaatg	180
caattcagaa	tgtgctagaa	taacatttct	ccatttctcc	agtgtcaaga	tgggaaggca	240
tacattctaa	gcgtctgtat	ctccatctat	ttttcttttt	tttttttttt	tttgaaaaaa	300
aaattttggt	tttgacacca	ggctgggggg	gcgggggtta	attctggctt	cttgaaaaat	360
ccggcctcca	gggttaaacc	ttttcct				387

<210> 2419

<211> 385

<212> DNA

<213> Homo sapien

<400> 2419

tcaattcggc	acgagggtccc	ttgttgccat	tctgaatctg	aatgctcttg	tggctggaca	60
actggactca	gctaataagg	catttctgat	gcttttgtgt	tcttatgcaa	ggatggacct	120
tttccagcat	tgtaaatgac	agcaggaaat	actcaatggg	ccacaggaaa	taattaacat	180
catctgggat	agactgactc	acaagttaaa	agtaaggact	ttaaaatctg	acctgggaat	240
taaatctagt	tctaacatat	gttgattctg	tggattagac	gagtttctta	gtccctctga	300
gtcccacttc	tctcactgag	ttgttggtga	ggtgaaatga	gaacatgttt	gctattagct	360
aagcatagtc	tttggctagt	agaga				385

<210> 2420

<211> 389

<212> DNA

<213> Homo sapien

<400> 2420

ggcacgagct	tgaacttctg	accccaaatg	atctgcctgc	cttggcctcc	caaagtgttg	60
ggattacagg	cgtgagccac	tgcgcccagc	cttgaggtag	catactttct	gaaataaaaa	120
agtagattat	gtccgaagca	gttgacctaa	aaactgcctt	ggactgacat	ttgttaggtg	180
gtctaagatg	ttctcttcac	gctttgcaaa	aaaatgagct	tttttgaggt	ttaaattaag	240
catccctctg	gtgtgttttg	tttttttagcc	accaaaaatt	taacaaattt	gataacctgt	300
cacgtgtaag	ttcagaaagc	actttggtct	taattggtga	cttggggggt	atttggtata	360
aatataggat	ctttttctaa	aaattattg				389

<210> 2421

<211> 161
 <212> DNA
 <213> Homo sapien

<400> 2421
 gaatgttccg gtcgggtcttc agcataagct gaaatatatg catgtaaaaa ctttgacatc 60
 ttttttttta attttccact ttcttcttaa ctttacttct cttttgtcc cccccccat 120
 cttaccaagt tgaggccaag ggagaatggt aggcacacaa c 161

<210> 2422
 <211> 397
 <212> DNA
 <213> Homo sapien

<400> 2422
 ggcacgagat agggggccctc tgagaagatg gaatggtgaa ggctgcgagt agtttgtgga 60
 tatatcagtc atatcttggc ataatccaac agcgtactaa tggatcaagg gactattttc 120
 aaggctgagc aggtttaagg aaaacatcta ggtgaaacat ctaagggcta gctagcaata 180
 ggagagccat tatcactctt tttttttttt tggcagggga atttcccgga acctttttatt 240
 ggcctttttg gcaaacggaa cgggaccggt aaaaaccca ttggactttc caaaaatggg 300
 caaagaattt ccctaaaaaa aatcttcttt ccaaggtttt tttaatgggg ggccccctaa 360
 aattataccc tttttttaat taaaaagcgt tcacttt 397

<210> 2423
 <211> 404
 <212> DNA
 <213> Homo sapien

<400> 2423
 cgctgctgtc gcttttaata tggaatccac ctcataacaa ttaagtctaa atttctggaa 60
 gatggagcca tgcttggttt tccaaaagct ctttgagtga ttctaatttg tagtcagagt 120
 tgaagaccac tgctctaaat tagtgcagga aaatgctttt atttctccca tgtaacttt 180
 taaaactagt aatgtaccca gttaagtttt gatggtttaa attccactaa agaacatatt 240
 cttctaataa ctatcattta ttacatgaaa tttaagagtt taagttccat caaactagcc 300
 cttgtgtaag attattattt cttctctata acttcaaaat agatatttca ttcaaactgt 360
 tcaggtgaga aaacataatg gatttttttt ttttctctct ggag 404

<210> 2424
 <211> 399
 <212> DNA
 <213> Homo sapien

<400> 2424
 ggcacggagg agagagagag agagagagag tgagagagag agagagagag agagagagag 60
 agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 120
 agagagagag agatagagag agagagagag agagagagag agagagacac acctctctct 180
 ctctccccct ctctgtgtct atatcgcgcg cgcaccccc tgtgtgtgtg tgtgtcttcc 240
 ccctgcgaca ctctctgtgt gctctctctc tcacacactt ccccccccc cactcttttt 300
 ttttttttta tacgtgttct ctttctcaat aatatatcct ttgtctgtgt gtctctctct 360
 ctccagacag cgctctctct cttttttaca caccctccg 399

<210> 2425
 <211> 389
 <212> DNA
 <213> Homo sapien

<400> 2425
 cgttgctgtc gattttttctc atcagcagga tggggtgatg gagctggcct tactgggtgc 60
 tggggatgat ataaagaggt ggcgtgtgca tgtctgtgtg tctgtgtgtg ggcgaacatg 120
 tttggtaagt gataggctct gcacacgtgc acggcaccat catggttccc tccctgcagc 180
 acttggcacg cagtgggggc tcagagcaca ggccgactga tggcctgggg ttgcagccct 240
 gctccgtgtg tccctgggca cttgcttact gaccaccca caggtgaaca cgggcaggtg 300
 ggtgtttgga ggtgtgaggc tgaggagggg ctggatcttg cagctcttgc agcctggata 360
 gttatggggg ctggaggggg cttttattg 389

<210> 2426
 <211> 387
 <212> DNA
 <213> Homo sapien

<400> 2426
 cgttgctgtc ggagacctgt aatctcagct actcgggagg ctgagggagg agagaggctt 60
 gagcccagga gctggagggt gcagtgagcc gagattgctc cactgcactc cagcctgggc 120
 gactgagtgg agcggaaactc tgtctccaaa aaaaaaaaaa aggggttttt ttaaaataac 180
 cacttttggg aagggttaggg gaaggttaagg ggggccc aaaactttt tttttttaa 240
 tataggcggg aagggaaaaa aatggaattt ccttgttttt tcccaaaaaa gacaaccccc 300
 caatttgcca gggctaataaa ccattcccg ccttgga aaaagaaaac ttcaactttg 360
 ggtttttttt ggaaccaggg aaacccg 387

<210> 2427
 <211> 385
 <212> DNA
 <213> Homo sapien

<400> 2427
 cgttgctgtc gaaaaaaagg gggagttcat tgttgagtat gaatttaaag taaccagact 60
 gccttttgtc cagtggctgt cagtaattta cttcagcagg catTTTTTTT ttttgggggt 120
 ggtccaataa aaacagaacc tttttggaag aaagggcctt ccagggggga ggcattccga 180
 aaagggggga acctctttta ggaacccaac ccaaaaggaa acctggccc ggaatttacc 240
 cataagaaaa acggtgaagg ggttttgttt acttttataa ccgcacacac acaccacac 300
 acccacacac acacacacat ttttttctat actcttaaaa aaccgtagag ttttaacaat 360
 ccgggggggag gggatttaat aatat 385

<210> 2428
 <211> 387
 <212> DNA
 <213> Homo sapien

<400> 2428
 ggcacgagcc ctttgagatt tctggctttt tgtagggacc tcagttccat tttcccaact 60
 catgggttct caatacctta actatctttt atttggcaaa ttccaagtcc tcaactcacc 120
 caccactacc tgaccactg gagtcaccac accaccctac ccactttccc agggatgctt 180

tatgattagc	ttaaatactc	accattctga	tttgtaatgc	cgccccacc	cccttttttt	240
gacacctggg	agtttccttt	tctttcttgt	aagatcagca	ttacacaaac	aagcacattt	300
ttcttattat	actttatcta	gaaaaccag	gtgtcagtgg	cagaagcatt	cctgaattta	360
tgtagatcat	tgttttgctg	gaactgc				387

<210> 2429

<211> 388

<212> DNA

<213> Homo sapien

<400> 2429

ggcacgagga	aagggctctc	tgttcctcac	actcagcttc	agcataagct	gtgaggccag	60
aaaaaaggtc	agctcttcta	gtatcgtgca	gtgcttaaaa	accgggagct	ccagccgggc	120
gcagtgggtc	atgccagtaa	tcccagcact	tccggaggcc	gaggtgggag	gattgcttga	180
ggccaggagt	tcaagaccag	cctgggcaac	acagcgagat	cctgtctttg	taaaaaaact	240
aaccatcctg	acccgccagt	gctcttggtc	tcctgagtgt	accaggtcc	tcccaagtgc	300
ggtgtgcacc	gagcgcgcct	ggcctgatgc	cctggcctgt	gagctgggga	ctcctgggcc	360
ctgtgagccc	ctatgcgcca	ggcccagg				388

<210> 2430

<211> 390

<212> DNA

<213> Homo sapien

<400> 2430

ggcacgagag	atattttatc	tcctttatct	gggacgcttg	tttcttcagc	tcagtttaac	60
tactgctttg	acgtggactg	gctcgtaaaa	cagtatccac	cagagttcag	gaagaagcca	120
atcctgcttg	tgcatgggtg	taagcgagag	gctaaggctc	acctccatgc	ccaggccaag	180
ccttacgaga	acatctctct	ctgccaggaa	aatgatgctg	ctgctctatg	aagaaggcct	240
ccgggttgct	atacacacct	ccaacctcat	ccatgctgac	tggcaccaga	aaactcaagg	300
aatatggttg	agccccttat	accacgaat	tgctgatgga	acccacaaat	ctggagagtc	360
gccaacacat	tttaaagctg	atctcatcag				390

<210> 2431

<211> 395

<212> DNA

<213> Homo sapien

<400> 2431

gaaaaacagt	agccctccta	ccctgccttt	accccacttt	ccttgccctca	cagtagtctg	60
tgccaactct	tggttgattt	gtttgtatct	acctccatgt	ctcaatatga	acatgttttc	120
atgactattc	cttgatgggt	ttttgtttgc	ttgttttaag	acggtctcac	tcttccccag	180
gcgggagtgc	aatggcacia	tcattggctca	ctgcagcctc	aaccttctcg	ggctcgggtg	240
attctcccac	ctcagcctcc	tgagtggcta	gaaatgctgg	tgacaccac	catgcctagc	300
tagtttttgt	attttttgta	gagacagggt	tttgccatgt	tgcccaagct	ggtcttgaac	360
tccggggctc	aagtgatctg	cccgccctcg	cctgg			395

<210> 2432

<211> 390

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 2432

gcagccctgg	ccctgcggca	cgccctcacc	tacaaggtct	atgctgacaa	gaggctggac	60
gcacaaggag	ctcctgtgct	ctaagcaacc	aagaggaagc	atcgaagggt	cagcatcact	120
ggtctctgtc	gccatctccc	ctccacctca	taccctgtgc	aatagctggg	gatgtgcact	180
agccctcccc	gccaccagaa	gccctaaggg	ggtgaaagca	gaaccccat	tttttagaca	240
cccctcgcca	aaaaacatag	tccaggatac	actttattct	ctgtggaaaa	agaaagaatt	300
tgactttatt	tagaaaggct	actgaatata	gaagacgata	actcgcttgc	tgtaagtcag	360
gaaataaata	gattctagga	gccgggcaan				390

<210> 2433

<211> 388

<212> DNA

<213> Homo sapien

<400> 2433

cgttgctgtc	ggtgtttcat	aacattttta	taagtttggg	aaactttagt	cccattatat	60
acttttgagg	acagtgttat	aaatcagaat	tttacgacag	tttgacagaac	actgatttga	120
aagcttccta	tgcaaaatga	gaaggggttc	aaatatatta	attatcatta	agtattaaat	180
aataggcatt	agatgtctaa	tgtgagtata	atttcatcca	agccatctca	gaaagtctaa	240
aaggttgcca	gggggtcagc	tgaagacctc	actggagtgg	gtcttaattt	ttaaaagtgt	300
tctcactaca	cttaagacat	gtgacacatt	cccattggta	acaattgctc	accatggcat	360
tgtctcaaaa	aagactatgg	tggggagg				388

<210> 2434

<211> 391

<212> DNA

<213> Homo sapien

<400> 2434

cgttgctgtc	gcaggagagc	cgctggaagc	agtacctgga	ggacgagagg	atcgcgcttt	60
tcctgcagaa	cgaggagttc	atgaaggagc	tgcaacggaa	ccgcgacttc	ctcctcgctc	120
tgagagagaga	tcgattgaaa	tacgaatccc	agaaatctaa	atccagcagc	gtggctgtcg	180
gaaacgactt	tggtttttcc	tctcctgtcc	caggaactgg	cgacgccaac	cccgtgtgt	240
ctgaagatgc	cttattcagg	gacaagctga	aacacatggg	aaagtccacc	cggaggaaac	300
tgtttgaact	tgcccagagc	ttctcagaga	agacccaaat	gaggaagtca	aagaggaaac	360
acttggtgaa	gcatacgtcg	ctgggggctg	c			391

<210> 2435

<211> 404

<212> DNA

<213> Homo sapien

<400> 2435

cgttgctgtc	gcttttttcc	attgtagaaa	ttatgtatat	cacatctcta	atgggggtgg	60
ttttcaaagt	tatttgaaca	tttccagtgg	tagggagctc	ctgctttaca	aggcaacct	120

tatatttttc	aaaaactctt	aagtcttaca	aagttatctc	ataagaacag	ccctaatttc	180
ttctttccac	cactttgtaa	acagtaatat	actttaaaat	gtgtaacatt	tagcaacttg	240
tagctctgca	tgcagtaaaa	ttcaacattt	tctgaattaa	tttttactgt	gttatgctga	300
cttcatgtat	tttattttca	tgggctgggt	taaaaatacg	agaatggaaa	gatgaaagaa	360
aagattagta	catgcaaact	atagaagttt	aggtagcaac	ccag		404

<210> 2436

<211> 393

<212> DNA

<213> Homo sapien

<400> 2436

cgttgctgtc	gagaaaaggg	gctctgctga	cctgccacct	tcgctgtgat	gagtttctgt	60
gtagcagggg	cagcgaggca	cggtttggat	gaggacaaga	tgtttggtac	cctacaacca	120
gggaggggtg	cggttgacac	cctgggctca	gaccccgcg	tcagcaccg	tctcccaccg	180
tgggctgcc	cagaagctac	aaggcaccgg	gtcaaggcca	agcaaataaa	acacgtaata	240
atagctctgt	ctttctaatt	tccccctatt	agaagaaaga	acgtgaaata	attctttatg	300
ggctcagtc	ctaccgtgtg	gggcagacct	gctctgggtg	atgaaagcag	tttccctgcc	360
tcccttcagg	aagtagagaa	gccgggtgcc	tgg			393

<210> 2437

<211> 389

<212> DNA

<213> Homo sapien

<400> 2437

cgttgctgtc	gttttagacgc	atcacgattt	tgccccgatt	cccaacgtgg	agaaaccaac	60
ggggaaagag	acggagacca	acgagaacca	tctcactggg	agaggcgatg	ctgtttgaca	120
catcgtccct	gtaccttcca	aagccactgt	cctcccacac	ctgggcaaca	gtggcctcaa	180
ccccaggccc	agccctcctg	caggaaggaa	gaggactgaa	tggagggcgt	ggcaggatga	240
aaggacgtgg	cctcctcaaa	cccattggta	aagggcctct	ggggccacct	ggctaagagg	300
ggctggcaca	ccaagaagtg	gcctcctccc	gggagttgag	ccagagccca	ggtgctgtcc	360
ccaagtggac	tccagagcca	cctttttcag				389

<210> 2438

<211> 387

<212> DNA

<213> Homo sapien

<400> 2438

cgttgctgtc	ggtttcaaag	gatactgtca	tgaagcagac	acatgctgac	acacctgttg	60
atcattgtct	atctggcata	agaaagtgtg	gcagcacctt	taagcttaaa	agtgaagtca	120
acaagcatga	aacagccctt	gaaatgcaga	atccaaattt	gaacaataaa	gaatgttgtt	180
tcacctttac	gttgaatgga	aactccagaa	aattagaccg	tagtgtgttt	acagcatatg	240
gtaaacccag	cgagagtatc	tactcagccc	tgagtgtctg	tgactatttc	agtgaagagg	300
taaagaatca	gtttaataag	aacattattg	tttatgaaga	aaagacaata	gatggacata	360
taaatttagg	aatgcctctc	aagtgcg				387

<210> 2439

<211> 391

<212> DNA

<213> Homo sapien

<400> 2439

ggcacgagac	taggcaagtt	gctttggcat	atatcattct	cattaataaa	acagacttgg	60
ttccagaaga	agatgtaaag	aaattaagaa	cgacaattag	atccataaat	ggactaggac	120
aaatcttaca	aacacaaaga	tcaaggctca	gcagctgata	gactcagcaa	caggcagcca	180
ggagctctga	ggctcacagc	tggcagtcta	gttccactca	gtctctactt	gagaaattct	240
ttctttggaa	gtacagcaga	ggccttagag	ctgatctctc	taatgtatta	gatcttcatg	300
cctttgatag	tctctctgga	ataagtttgc	agaaaaaac	ttcagcatgt	gccaggaaca	360
caacctcacc	ttgatcagag	tattgttaca	a			391

<210> 2440

<211> 402

<212> DNA

<213> Homo sapien

<400> 2440

ggcacgaggg	tactaagatg	ggaaaaacta	tcacgacagt	ggcaccacct	gatttcatga	60
tgtaccatat	gcagtaacac	atgtttgagg	tacagaattg	aagctgattt	ttctgcaaaa	120
gatgaatttc	tataaacaat	cccattttta	tattttatta	ttaaaacaaa	aataacctctc	180
tttgctagag	agtatatgta	tgacttaaat	tattagctat	ggtttgcatt	tagtacatgg	240
cagattgcct	gtaagtctgt	tcatttttaac	aacatacggg	gctgggcacg	gtggctcacg	300
cctgtaatcc	cagcactttg	ggaggttgcg	ggtggatcac	ttgaggtcag	gagttcgaga	360
ccagcctggc	caacatggca	aaaccccgtc	tctatgaaaa	at		402

<210> 2441

<211> 387

<212> DNA

<213> Homo sapien

<400> 2441

ggcacgaggg	gaagaggtgc	aggagaagct	gtgtttttta	tctccacacg	cagtatgaag	60
ataaaattac	atagtattac	ctagacatag	acagtattac	ctaggtagat	gcactgctca	120
cctgcgccct	tcccagctct	cattttttgt	aggtgatttg	ggatagggat	agtgttttgg	180
ggtatggggg	gagtgttctc	tgcttgcttt	gcgtacgtgc	atgcgcgccc	ctgctggttg	240
gcgcggggcc	cctgcccttt	ttcttgctcg	tgccggacgg	gaccggttag	gcctcggagg	300
cacgctgttt	tctgtgcccc	acacgtaacc	ttctgaacac	tgtggtacaa	gaagtctccc	360
ccaatatcgt	gcccctagcg	ccacacg				387

<210> 2442

<211> 391

<212> DNA

<213> Homo sapien

<400> 2442

ggcacgagga	aggcagcagg	atggcagtgg	ccagtggggg	caggctgggc	catctccctc	60
tcagacctca	gcacctgggt	cctcggggct	gctgctcttg	ttccggaagt	ggtctcgact	120
ccgcttctctg	ctgccatgga	agccaacagt	ttccaccggc	gggagacctg	gcacagaccc	180
actgtggaca	gacctgaca	gtgcctccac	ctctgcagg	cctccatggg	ggctgccccca	240
ctcctcagcc	tctgggctcc	cgggcccggc	cagatgggcc	agctccacag	ggcctcgcc	300
cctgtctgtg	gcaggattcc	caaggccggc	cctgcctggc	tctccacact	tccccaggac	360

cctcttctctc tcgtgtctgg ctctgacccc t

391

<210> 2443

<211> 404

<212> DNA

<213> Homo sapien

<400> 2443

ggcacgaggc	tcactgggag	gtgcagctct	ttctcctctt	cctctaggaa	ttccagaccg	60
accatctacc	atgactaaca	acaatgaaca	aagggttag	gggcaagagc	tacctgcaaa	120
gacgtgtcat	ggaacccttc	accatgcaat	gccttgaact	cagctctggc	tgctcccaag	180
aaaagggtggc	tggctggggg	cctggacaca	agcacaatgg	ggctgggtga	gccactgtgc	240
agagctactt	gaataatcac	tgggttttca	tcaactcctt	ttgtcataca	gaccactcaa	300
gggctgaagt	gttggttaacc	ttcatttcgg	tgccaaagcc	tcacagcagg	tgagccaccc	360
tgagatgctt	gtggccacat	ggtggccaca	gtcagagctt	tgaa		404

<210> 2444

<211> 395

<212> DNA

<213> Homo sapien

<400> 2444

cgttgctgtc	gcaagactgg	acactggtaa	cagtatgact	aaatatactg	agaagctcga	60
agagattaag	aaaaattata	gatacaaaaa	agatgagctt	ttcaagagac	taaaagtac	120
aacttttggc	cagctgatca	tccaagttgc	ttccctctct	gatcaaacac	tggaagtgc	180
agctgaggag	attcaaaggc	tggaagacaa	tgattctgca	gcttcagacc	ctgatgctga	240
aaccactgcc	aggaccaatg	ggaaaggaaa	tccagggtgag	cagtcgccga	gccctgagca	300
gttcataaac	aacgcaggag	caggggactc	cagccgctca	actcttcaga	gtgtcatcag	360
tggtgttggg	gaactggatc	tagacaaagg	gccag			395

<210> 2445

<211> 393

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (393)

<223> n = A,T,C or G

<400> 2445

ggcacgagct	aagactgctg	tcctccggt	gagtgaagga	gatgggtatt	ctagtgagaa	60
tacatcgctg	gtctatacac	cactcaacac	acctgatcct	tccaccaagc	tgagcacaga	120
agctgacaca	gacactccca	agaaactaat	gtttcgcaga	ctgaaaatta	taagtgaaaa	180
tagcatggac	agtgcaatct	ctgatgcaac	cagtgaagct	gaaggcaagg	atggcaaaga	240
ggatcttgat	caattagaaa	atgtccctgt	agaggaagag	gaagaattgc	agtcacaaca	300
gctactccca	caacagctgc	ctgaatgcaa	agttgatagt	gaaaccaaca	tagaagctag	360
taagctacct	acatctgaac	cagaagctga	cgn			393

<210> 2446

<211> 404

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

<400> 2446
gngacganaa cagtgtgcag gagactcact cccagctgct gggctcttgg gacccgtggg 60
aagaaccgga agacgcagcc cctgtggccc cctccgtccc tgcctctggg taccctgagc 120
tgcccacacc caggagagag gtccagtctg aaagtgccca ggagccaggt gcaggcccgg 180
gaccccttgg ggtgagggct ggggcagggg agggctgggg gaccccgacc ttccatggcc 240
catagagggg gggggccagg gtgtggggac atttcgcagg cctgtcctcc taggaggggt 300
cagtccagcc gaggcccaga gggcgtggtg ggttcttgag cccccaggag ccagggatgt 360
ggaggcgag ctgcggcggc tgcaggagga gaggacgtgc aagg 404

<210> 2447
<211> 402
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 2447
ggcacgagag gagcgctact ttgagccact ggtgaaaaaa gaacaaatgg aagaaaagat 60
gagaaacatc aaagaagtga agtgccgtgt cgtgacatgc aagacgtgag cctataccca 120
cttcaagctg ctggagacct gcgtcagtga gcagcatgaa taccactggc atgatgggtg 180
gaagaggttt ttcaaatgtc cctgtggaaa cagaagcatc tccttggaca gactcccgaa 240
caagcactgc agtaactgtg gcctctacaa atgggaacgg gacggaatgc taaaggaaaa 300
gactggtcca aagataggag gagaaaactc gttaccaaga ggagaagaac atgctaaatt 360
tctgaacagc cttanataac ccgaacttca gacattntcc cn 402

<210> 2448
<211> 392
<212> DNA
<213> Homo sapien

<400> 2448
cgttgctgtc gggccacctc atgcccaccc cggccatcta gggtcagcac aacccagatg 60
aggccgctga agggcaccgg atgcccagga atcaccacct ggtaccagaa gcggtgccag 120
ccagcaggtc ctatgcccac aacttgggtg aggaacacag ggctgcccag cttcattcgt 180
tggcacagca actgcagggg agcccagacc ccttggaacc ctaacttgtc ccttgccaaa 240
gccaactggc tgccctctgg ctgtggggac cgcaagaagg gaccacaaag ctgctggcga 300
agtgcgtgct tcaggctctg cttgagccac tccacagcca cctgctctcc acagaggtgt 360
gactgccttg taggaaaaat gcaaaagacaa gg 392

<210> 2449

<211> 402
 <212> DNA
 <213> Homo sapien

<400> 2449
 ggcacgagag aggccttaaa ctctggtggt gagtactact gggaccagct gaacgagacg 60
 gtcttcactg tccattccaa cagcaggagc agcgagcggc ctggaaccag cagagccaca 120
 tggaggacag acagagacat ggggctgatg aatgccattg ggcttcagcc ccggaaccct 180
 gccacctcag tgacatctca gggcacccag actctggccc ttcagctgca gaatgccgaa 240
 acacagactg agagggaggt gccggagcca gggacagccg cctcaggtcc tggatgaaggt 300
 gaggggttcag agtatggtgc cagtggagaa gatgcgctca gcaggatcca gaggtgatg 360
 gcggagggcg gcatgacagc cgtggtgcag cgggagcaga gc 402

<210> 2450
 <211> 393
 <212> DNA
 <213> Homo sapien

<400> 2450
 catagttcct aaggcatgac cattctgtcc tgtggtacca ggctggacta agctcccatt 60
 tctttaagcc atgctgtccc ctgcagggac ttccaagggtg gagctgatga gcaatagtta 120
 tgagtcattg gaggagacat cccaaaggcg ccagctcccc tctgccctaa actgaaatta 180
 agacctggtg ctctgggtgg ggcccctgga aagggtatgtg caactcatag gggaccttct 240
 ccaccttcac ccaggagacc ccagagggac catggcagag ccggagccct cttttttttt 300
 ggtegttttt tattttatta ttattatact tgaagtggta gccctctttt aaaaaccaa 360
 tgagaatagg ccaaagaagc caatcgtctt tgg 393

<210> 2451
 <211> 392
 <212> DNA
 <213> Homo sapien

<400> 2451
 ggcacgaggc cctgcgcatg ctgaaataac tggaaaccag cctctcctcc tacaccggcc 60
 taccatctg ggcctaagag ctgcactcac actcctacaa cgaaggacaa actgtccagg 120
 tcggagggat cacgagacac agaacctgga ggggtgtgca cgctggcagg tggcctctgc 180
 ggcaattgcc tcaccttgag gacatcagca gtcagcctgc tcaaagcggg ggtgctggag 240
 cgctgacaga cacagctctt ccggagcagc cttcaccttc tctctgggat cagtgtccgg 300
 ctggccgacg tggcatttgc tgaccgaatg ctcataagagg ttgaccccca cagggtcacg 360
 caggactcgg acactgccct ggaaacatgg at 392

<210> 2452
 <211> 404
 <212> DNA
 <213> Homo sapien

<400> 2452
 ggcacgagag gacttgcccc atgtgcaa atgtgacatact caaagctttg ggaattgagg 60
 tggatgttga agatggatca gtgtctttac aagtccctgt atccaatgaa atatctaata 120
 gtgcctcctc ccatgaagag gataatcgca gcgagaccgc atcatctgga tatgcttcag 180
 tacagggaac agatgaaccg cctctggagg aacacgtgca gtcaacaaat gaaagtctac 240

agctggtaaa	ccatgaagca	tattctgtgg	cagtggatgt	tattcctcat	gttgacaacc	300
caacctttga	agaagacgaa	actcctaate	aagagactgc	tggttcgagaa	attaaatctt	360
aaaatctgtg	taaatagaaa	acttgaacca	ttagtaataa	caga		404

<210> 2453

<211> 394

<212> DNA

<213> Homo sapien

<400> 2453

cgttgctgtc	ggaaggcaca	ggcttttatt	tatcccgtat	ctgctctcct	gaaataattg	60
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gaggggttctg	gttactgggtg	ccactgggct	tcttggcaga	gctgtacaca	aagaatttca	180
gcagaataat	tggcatgcag	ttggctgtgg	tttcataaga	gcaagaccaa	aatttgaaca	240
ggttaatctc	gtggattcta	atgcagatca	tcacatcatt	catgattttc	agattactga	300
cagccctgtc	ctaggagcac	aacgttcgag	aaatgctcaa	cttgactgct	ccaaattgga	360
gaccttgggc	attggccaac	gaacaccatt	tctg			394

<210> 2454

<211> 396

<212> DNA

<213> Homo sapien

<400> 2454

cgttgctgtc	gcccatttta	gccatgggtg	ctctataggg	gtcagacatc	atgtgcccag	60
acctaaggtc	aggaatgtca	tatttttctg	ttaaaatcat	tttatttctg	tgtatcttac	120
ctttaaatca	ttgtgggtta	ctctgagatt	ctgtagtcc	aatattgtat	cattgtgctg	180
tctgcaaaac	aacttgaatc	tattttgttt	gcaccttttg	ttacatgtaa	cgcagctgta	240
ctttatgttc	tttgcaactg	tttccattat	gagaacgctg	tgctatttac	aagggttacat	300
ttttcttggc	caggcgaggt	ggatcatgct	gtaatcccag	cactttggga	ggccaagggtg	360
ggcggatcac	ttgaggtaaa	gagttgagac	cagcct			396

<210> 2455

<211> 393

<212> DNA

<213> Homo sapien

<400> 2455

ggcacgaggc	ttattgagga	aatccagaag	gaggctgaag	aggaacagaa	aagaaagaat	60
ggagagctgc	gatgtgaact	gcccctcccc	tcgcatcccc	caggccacca	acggcagtc	120
ttctgccttg	tccatggcat	aggccataga	ccaggctcc	gctgctcaca	cctgggcctc	180
tcctcgagac	cgacccttg	gtagcaaggc	agccgagagc	atctccctgg	agggggccac	240
ggttgggcca	agggcagagg	gggctgcacc	tgcgggcctg	ggaagcattg	ctcaggggtg	300
ggggctggga	ccatggcccc	cagaggcact	gccacagctg	tgagggccaa	gatgctgtcc	360
ccccatccaa	aaccctgtgc	ccactgcagt	gag			393

<210> 2456

<211> 392

<212> DNA

<213> Homo sapien

<400> 2456

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tgcacccaag	accaaagaaa	agaatacgaa	gaaagtggat	cacagggcgc	ctggcgctga	180
ggaagacgac	tctgagctgc	aaagggcatg	gggggctctg	attaaggaga	aagagcagtc	240
tcgccaaaag	aagagccgct	gttaccagca	cccttttccc	aagaaaagtc	aattcccagg	300
tgcttattgg	acatccttcg	agggggaaga	ggaggggaagc	ggccagctca	cccttccggg	360
accctagtgt	ggggcgaatc	tcacggacct	ga			392

<210> 2457

<211> 401

<212> DNA

<213> Homo sapien

<400> 2457

gggacgaggt	ccagcccgtc	tgagcttcca	gcctcccctg	caggtggcag	cgctcctgtt	60
ggcaagaaat	tggagaccag	cagaaggcct	ccatctggaa	cttccactac	ctccaagagc	120
acctctccaa	ccctcacgcc	ctccccctca	cccaaagggc	acactgcaga	gtcctcagtg	180
tcttctctgt	catcccacg	gcagtccaag	agcagtgagg	gctccagcag	tggcaccatc	240
acagatgagg	atgaactgac	tggaaatcct	aagaaattat	cacttgagaa	atatcagccc	300
atTTTTgagg	aacaagaggt	ggacatggaa	gcgttctca	cactgactga	cggtgacttg	360
aaggagctgg	gaattaagac	agatgggtcc	aggcagcaca	t		401

<210> 2458

<211> 403

<212> DNA

<213> Homo sapien

<400> 2458

ggcacgaggg	accatctaca	gagctgctac	tcaaaactta	tggaacaact	ggaaacctcc	60
aggagggaaa	tgattgggct	tcaggaaaaga	gacagacagt	tacaatgtaa	gaacaggaat	120
ttgcatcagc	tactaaagaa	tgagaaaagat	gaggtgcaaa	aattacaaaa	tatcattgca	180
agtcgagcta	ctcagtataa	tcatgatatg	aagagaaaaag	agcgtgaata	taataaactg	240
aaggaacgtc	tacatcaact	tgttatgaac	aagaaaagata	agaaaatagc	tatggacatt	300
ttgaattatg	tcgggagagc	tgatggaaaa	agaggctcct	ggaggactgg	taaaactgaa	360
gccaggaatg	aagatgaaat	gtataaaatt	ctcttgaatg	att		403

<210> 2459

<211> 399

<212> DNA

<213> Homo sapien

<400> 2459

ggcacgagtg	actattgaaa	atgcttagaa	tgaaaaaaat	gaaaattctg	acctaaaaca	60
gcaaatcagt	agtttgcaga	tccaagtgc	ttcacttgca	cagtcagaga	atgacttgct	120
gaattcaaac	caaagtctga	aggaaatgg	ggagagatta	aaacaagaat	gccgaaattt	180
tacaagccaa	gctgaaaaag	cgcaactaga	agctgaaaag	acattggaag	agaaacagat	240
acagtgggtg	gaagaaaagc	ataagcttca	tgagcgtatc	acagacagag	aagaaaagta	300
caatcaagct	aaggagaaac	tgcagcgagc	tgcaattgcc	cagaaaaaga	gaaaatctct	360
tcatgaaaac	aaattgaaaa	gactacaaga	gaaagtaca			399

<210> 2460
 <211> 397
 <212> DNA
 <213> Homo sapien

<400> 2460
 ccaggagac ggcaattcag tttaaacttc cactatacag acagcggtag cagttcgtta 60
 aaaatttagt ggatcaacat gagcctaaga agagttgcag acctgggatg tggatgatact 120
 tcaactcttaa ggctgctaaa agtcaatcca tgcattgaat tgcttggttg agtagatatt 180
 aatgaggata aattacgatg gagaggggat tcgttagctc ctttcctggg ggattttctg 240
 aaacctcggg atctgaattt gaccatcaca ttgtatcatg gctccgttgt ggagagagac 300
 tctcgtttgc ttggatttga cttgataacg tgtattgaat taatagaaca tttggattca 360
 ggtgatctgg ccagatttcc tgaagtggta tttgggg 397

<210> 2461
 <211> 386
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 2461
 tgcgtttcca acagaaatta aggtcgatgt gtgcaaaaga gtaaactctgg acattactac 60
 tttaatcaca tatgtatctg ccctcagcta tggaggctgc cactttattt tcaaagagaa 120
 agtgctcaca gaacaagcag agcaagagag gaaagagcag gttctacctc agctggaggc 180
 ctttatgaag gacaaggagt tgtttgcttg tgaatctgct gtcaaggact ttcagtctat 240
 tttagatacc ttangaggac ctggggagag agagagggcc actgtgttaa ttaagcgaat 300
 taatgtggta ccagaccagc cttctgagcg tgccttgaga ctagtggcca gttcaaaaat 360
 taatagccgc tcattaacaa tttttg 386

<210> 2462
 <211> 392
 <212> DNA
 <213> Homo sapien

<400> 2462
 ggcacgagcg gtcgaggagc tgtggccagc tttgggaggg ccggccccgg gatgctacac 60
 acaaccagc tgtgcctatg cggacatcac gtcgccatc aagtttctgt ttgagcgtgt 120
 ggagggcatc tccagggcta ccatcattga tcttgatgcc catcagggca atgggcatga 180
 gcgagacttc atggacgaca agcgtgtgta catcatggat gtctacaacc gccacatcta 240
 cccaggggac cgctttgcca agcaggccat caggcggaag gtggagctgg agtggggcac 300
 agaggatgat gagtacctgg ataagggtgga gaggaacatc aagaaatccc tccaggagca 360
 cctgcccagc gtggtggtat acaatgcagg ca 392

<210> 2463
 <211> 385
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 2463
 ttgagaagat cctcagcact cttgttaaag ggacacgcag acctgtgacc tgcaagattc 60
 gcatcctgcc attgctgata cctctccat tcctgtcata gccaacggag gatctcatga 120
 ccacatccaa cagtattcgg acatagagga ctttcgacaa gccacggcag cctcttccgt 180
 gatggtggcc cgagcagcca tgtggaacct atctatcttc ctcaaggagg gtctgcggcc 240
 cctggaggag gtcattgcaga aatacatcag atacgcggtg cagtatgaca accactacac 300
 caacaccaag tactgcttgt gccagatgct acgagaacag ctggagtcgc cccagggaag 360
 gttgctccat gctgcccagt cttcn 385

<210> 2464
 <211> 386
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 2464
 ggcacgaggc cggtttgcc cttctttgta tgagagtttc atccgccctg aaatcttccc 60
 ggtcgtaaat aactcctcag gtccctgcct gcacagggtt ttttcttagt ttgttgcccta 120
 agagtacacc aaatgtgaca tcctttcacc aatatagatt acttcatacc acattgtcaa 180
 ggaaaggact agaagaattt tttgatgacc caaaaaactg ggggcaagaa aaagtaaaat 240
 ctggagcagc atggacctgt cagcaactaa ggaacaaaag taatgaagat ttacacaaac 300
 tttggtatgt cttactgaaa gaaagaaaca tgcttctaac cctagagcag gaggccaagc 360
 ggcagagatt gccaatgcca agtccn 386

<210> 2465
 <211> 391
 <212> DNA
 <213> Homo sapien

<400> 2465
 ggcacgaggc cggtttgcc cttctttgta tgagagtttc atccgccctg aaatcttccc 60
 ggtcgtaaat aactcctcag gtccctgcct gcacagggtt ttttcttagt ttgttgcccta 120
 agagtacacc aaatgtgaca tcctttcacc aatatagatt acttcatacc acattgtcaa 180
 ggaaaggact agaagaattt tttgatgacc caaaaaactg ggggcaagaa aaagtaaaat 240
 ctggagcagc atggacctgt cagcaactaa ggaacaaaag taatgaagat ttacacaaac 300
 tttggtatgt cttactgaaa gaaagaaaca tgcttctaac cctagagcag gaggccaagc 360
 ggcagagatt gccaatgcca agtccagagc g 391

<210> 2466
 <211> 397
 <212> DNA

<213> Homo sapien

<400> 2466

ctccagaata	ttattaagac	tcttaggggt	cctctcagtt	tgaagtattc	ctgcccttct	60
gaaagcacat	ggaaactagc	agtatcctct	ctcctcagag	ttctttctat	tgggctacct	120
gttgcccggc	agcatgcttc	ttctggaaaa	tttgacagta	tgtggccaga	actagccaat	180
acttttgaag	atcttctctt	tactaaaagc	atacctccag	ataatctctc	tattcaagag	240
tttcaaagaa	atgaaaatat	tgatgtcgag	gtagttcaac	ttatcagcaa	tgagatacta	300
ccttatgccca	atcttattcc	taaggaattt	gttggtcaaa	taatgacaat	gcttaacaag	360
ggctcaatac	attctcagtc	atcttcattt	acagaag			397

<210> 2467

<211> 397

<212> DNA

<213> Homo sapien

<400> 2467

ggcacgagaa	agctgggctg	gaatttccag	aggaagatgc	agaacaactc	aagcatgtta	60
ctgaacagca	aagcatgggt	cagaaacagc	tagaacagat	tcgtaaacia	cagaaagaac	120
atgctgaatt	gattgaagat	tatcggatca	aacagcagca	gcaatgtgca	atggccccac	180
ctaccatgat	gcccagtgct	cagccccagc	caccctaat	tccaggtgcc	actccacca	240
ccatgagcca	acccaccttt	cccaggtgct	cacagcagct	tcagcaccag	cagcacacaa	300
cagttatttc	tggccatact	agccctgtta	gaatgccag	ttacctgga	tggcaacca	360
acagtgtctc	tgccacctg	ccctcaatc	ctactag			397

<210> 2468

<211> 390

<212> DNA

<213> Homo sapien

<400> 2468

ggcacgaggc	agccttctcc	actettccct	cccttggagt	ttcgcccagt	acctttgccc	60
tcaggcgagg	aaggggaata	tgtcctggca	ctgaagcaag	agctacgagg	agccatgagg	120
cagctccctc	acttcatccg	gccagctgtc	cccaagagag	atgtggagcg	ttattcagac	180
aaatatcaga	tgtcaggtcc	gattgacaat	gccatcgatt	ggaaccctga	ttggcggcgt	240
ctacccgggg	agctaaaagat	ccgagtgcgg	aagctacaga	aggaacggat	tacaattctg	300
ctccccaaga	ggccccctaa	gaccacagaa	gataaggagg	aaacaatact	gaaactagag	360
accctggaga	agaaggaaga	agaagtaacc				390

<210> 2469

<211> 387

<212> DNA

<213> Homo sapien

<400> 2469

ggcacgagga	tgactcttgc	ctccattggt	ggcctcgctg	ctcgtctaca	actctgggccc	60
ttcaagctgg	actatgacag	catggagcgg	gaaattgctg	agccactgtt	tgacctgaaa	120
gtgggtatgg	aacagctggt	acagaatgcc	accttccgct	gcatacctggc	tacctctcta	180
gcggtgggca	acttcctcaa	tggctcccag	agcagcggct	ttgagctgag	ctacctggag	240
aaggtgtcag	aggtgaagga	cacggtgcgt	cgacagtcac	tgctacacca	tctctgctcc	300
ctagtgtctc	agacccggcc	tgagtccctc	gacctctatt	cagaaatccc	tgccctgacc	360

cgctgtgccca aggtggactt tgaacat

387

<210> 2470

<211> 383

<212> DNA

<213> Homo sapien

<400> 2470

actaactttt	tctaagagaa	attgattcct	gttttgtcat	ctgatgcaat	ttgctcttat	60
aaagagacat	tttcataggt	tcagagtaac	tcacctccat	gggctgacca	aaggcttttc	120
taatttttgt	tactgatgag	atgaaaccta	tttgtaagga	gatcttcccc	aggagcattt	180
ctgttgcctt	cttgacatca	atgaaaagta	gcatattctc	ttatgaaata	gcatgagaaa	240
acacagggca	tttctaggac	agtaaaacgt	taaagtactg	gattaagaaa	acaacaacag	300
gctgggcgca	gtggctcaca	cctgtaatcc	cagcactttg	ggaggctgag	gcgggtggat	360
cacctgaggt	caggagtgtg	tga				383

<210> 2471

<211> 371

<212> DNA

<213> Homo sapien

<400> 2471

cgttgctgtc	ggtccgtttc	ccatatattg	agggataaag	aaaattaagc	ctgcctgtag	60
gcacgtctca	aacttgggag	actcagaata	caacagagta	tgggatacag	ggaggaaaga	120
agagatgcag	aaataaatta	aaaacaagat	ttgtttaaag	aggaactgca	acttctttta	180
ttgggcagat	tgaaccaata	aaagcacagt	tctctccctt	cacctgttat	ccttttagtct	240
cttcaacttt	cacattgctt	cactcactct	cttctctctc	ctttcacctg	ctcaccttac	300
ccaacttgaa	ctgtgccctc	tgatctgaca	caggatgaca	atgacagcag	tcattaccta	360
gcagccattt	t					371

<210> 2472

<211> 383

<212> DNA

<213> Homo sapien

<400> 2472

ggcacgaggg	cagaggttgc	agtgagctga	gatcatgccca	ctgtactcca	gcccaggcaa	60
cagagtacga	ctgtctcaac	aacaacagca	acaacaacaa	caacatcttt	cacaaaagct	120
tatttcaagg	aaaaacacaa	agaaatttca	caatgaatta	aattaacagc	cttggttagct	180
aggttaaaaa	atttaaagca	aagaaataaa	agttgatacc	aggtttagcaa	agacaaggta	240
aaaaatagta	ctaagacact	tcaggacctt	taaggatatt	tgaagagggt	tcaatatatta	300
gtatctaagg	taaaaagagt	tgatgcagta	ttttcaggta	aaggaaatcc	ttgcaaaatc	360
agactgattt	gataatatta	ggg				383

<210> 2473

<211> 383

<212> DNA

<213> Homo sapien

<400> 2473

ccacattcat	ccccagcctc	gctgtacagc	tattatgtgg	ggatttgcca	atcaataaat	60
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caaggcacct gaaaaatgaa ctggggaacc acactgactt tccccccctt cttgattaaa      120
acaacaaca ttgtgaaatg tcaacctgtc agtcgttttg aaagtttgcg gcatggaaag      180
gcaattaccc aaatgacttt ttaaaagtat gagaatttgc ctggctgaac gttttttaat      240
taatgccgtg agttaacatt aataactatt catagcttag tgagctgggc ttgaggtggg      300
tttaggaaac atttggtatc tctggcaggg acagatgttg acctggccgg tcggcagctt      360
ttacaaacct aaggacttca ggg                                     383

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<210> 2474

<211> 381

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 2474

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tgccactgcg cccagccggn ccctgctttc atgtacctta gaattcagag gaaaaaagag      120
atattaaaca aataaataca caaatgaaca tacaatttca gtgaggttta agtgccatgc      180
aggtaaagaa ttaaggggtcc tgtttcattt acttcttata tgccttgacc tgtccttcat      240
taattccaca aatacttact gaccactgca tggcagggtc tatgctgagc actgtgaata      300
cagaagtgca tcttgatatg gggattcgaa ctgcatggag ctacacaccgt ccaaccaga      360
ttgacataca taataggtcc t                                     381

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<210> 2475

<211> 374

<212> DNA

<213> Homo sapien

<400> 2475

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ggcacgaggc tactactgcc actcccagtg tgctgaccat tcaaagttca gcaacacctg      60
ttaagtcct tgctcctggt gaattcggta accatagacc aaaaggggca ctaagacctg      120
gaaatggccc tgaaatttta ttgggtcagg gacctcctca gcagccgcca cagcagcata      180
gagtactcca gcaactacag caggagagatt ggagattaca gcaactccat ttacagcatc      240
gtcatcctca ccagcagcag cagcagcagc agcagcaaca gcaacagcag cagcagcaac      300
agcaacagca gcagcagcag cagcagcagc agcaccacca ccaccaccac caccacctac      360
ttgaagatgc ttag                                     374

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<210> 2476

<211> 381

<212> DNA

<213> Homo sapien

<400> 2476

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cgttgctgtc gggccggtgg atcactcgag gtcagcatat tgagaccaac ctggccagca      60
tggtgaaacc ctgtctctac taagaatata aaaagtaact gtgcgtggag gggggcgcc      120
gtaattccac ctattcggga ggctgaatca agagaatcac ttgaaccggg gaggcggagg      180
ttgcagagag catagaagga gccactgcac tctagcctgg atgacataat gaggcctcagt      240
ctatcatggt aatagtagcc tgaacctatg tgaaatctaa gaacatataa cactaatttt      300

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tcatagtata aattaaaaaa tggttgccta gcgctggaga ttccgggaag ggacacagat 360
tctctgtatt gatagactgg c 381

<210> 2477

<211> 380

<212> DNA

<213> Homo sapien

<400> 2477

ggcacgaggt	cctttccagc	tttgggttca	cagccttctg	ttattcctgc	tgtcaatttt	60
ttgtctttct	actgtgcttt	tcaaccttgg	ttattcatgt	atcaccttca	tctgtgcgat	120
tattaccatt	taactgcagc	aagtaaagac	gttaatagtg	aggtttttgg	gaatgtggta	180
aaaccgggag	gtatatattga	ctttgtccaa	gttatctgat	gaggcagatc	agctaaagca	240
aaatacagtg	ggttgctccc	tactatcact	gggacctaga	gatttcactc	acatctctga	300
aaaatggggg	ttctgtatga	tagtatgggt	gagaaggaat	gacagcagaa	ctatcaactg	360
ttttctgatt	atcctgatga					380

<210> 2478

<211> 374

<212> DNA

<213> Homo sapien

<400> 2478

cgttgctgtc	gggagtcac	aataaggggg	cctcatgcac	atgattgaca	gagagccaca	60
gcggccttgc	attgtttata	acaccagaaa	gggacaattt	agaagtgcc	ttctctgctt	120
aacactaact	ctctttaagc	ctgatcacct	cccacattct	aatagggtt	ccatgccgag	180
ttgttttcta	gaatctttcc	tttccatttt	cagggaaagc	tgaatgttgc	tttaaagtga	240
gcgttttaat	gtgggtataa	gctttttatg	tgacttaaat	tacataaaca	tttcagttgt	300
gctgaataca	cctcttattt	tctagatttt	catgttttca	tacagctcag	gttttgatgt	360
atgtgtgtgc	ttta					374

<210> 2479

<211> 373

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(373)

<223> n = A,T,C or G

<400> 2479

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ccttattaat	gtatttttat	caaactaaat	cagatttcta	tttgaattgt	taggaaaaac	120
catgtgcagt	tttggctgat	aattgaagga	aaaatatcaa	atactttgaa	ttttttttct	180
cttttttcaa	accctctgca	gaggtaggaa	ggtatgaatt	tcttttttat	gtcaagatgc	240
aaaaacaaat	catgatgctt	ttgttgggag	aatttttcta	ttcagtattt	tgtatgtacc	300
tttttttttt	ttaaattgga	aagcccaatt	aggttaaaca	tttaactttg	cttgactcca	360
gtgtaaaatg	aan					373

<210> 2480

<211> 367
 <212> DNA
 <213> Homo sapien

<400> 2480
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 gaaccccctg gacctgacat cgcggcttta acacccttgg gtcattgtgag aaggaagagt 120
 gccacccag gactttccga ggctcacaga ttctttgaaa tggacgtgag cacaacgcc 180
 cagccccgac agccagggat cagatcgggt ttcacttcct aggaggagg atgtactgca 240
 ggggaggccc acgtggctgc cccaggcctg gccagcctct gtgacccaac aggactgact 300
 gttttacggg atggccacac ggtaccctgc aggctcatcc atggtgggac cttgatgctc 360
 ctttgtg 367

<210> 2481
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 2481
 gtagcacgaa ggcccactcc aaggttctgg ccaggctgga ctgtaacagc agtaccagca 60
 ccaggaatgg ggccaccatg tgatctttgg gtagaaatga cctttttggg cttgagtttg 120
 tctttctaga atgcacgtga tcccttatcc caggagggtt gtaaagacca cactgtggag 180
 atccttaaat tgatgacgat ggcctatcga agccttgatga ccgcacagcc cctaacagt 240
 taaaaaacgc gtccatgatg aggacgggtc cattagagcc cccaacgttc tgtgaagtgg 300
 gcggcacagg ttggggaagg ggacttaatg gggttatgta atttgcatga aaatcacaga 360
 acctgaagtg gtgggtgaga ttca 384

<210> 2482
 <211> 383
 <212> DNA
 <213> Homo sapien

<400> 2482
 cggtgctgtc gcacatacat gcataggtat cctgtgtgtc cacatgcac attattatat 60
 aaatagaaac ttctgaacac cctcctaagt cactacagga tgccagcgt tcctattcct 120
 gggtagacag agccacctca gcatcctgat ggatgataca agaaattgtt acttcctagt 180
 atggaagtgt cttaaggaca cgtctccatg atattttggg gaacccaaag tgctttatcc 240
 tcaacaaaat gttcctctgt tcccagttaa agtaaatctt cctgcttcca agtaagcaag 300
 actgttcact aaagaaggaa ctttttagaa aactaatctc ctttatcatc caattttagt 360
 tctgcatgtt ccgaggtagc cag 383

<210> 2483
 <211> 379
 <212> DNA
 <213> Homo sapien

<400> 2483
 cggtgctgtc ggtctcccca gtagctggga ctacagacac acaccaccac gcctagctaa 60
 ttttgatatt ttagtagaga cgggggttca ccatgttggc caggctgggc tcaaactcct 120
 gacctccggt aatccgcaca ccttggcctc caaaagtgtt gggtttacag gcgtgagcca 180
 ccatgcctgg cccattagg ttactttcat tccaccttca tgcttatggc cattcctcct 240

atgctgctgg	gtggacatag	agcttcacca	ccatcctcct	gcatgtcctc	tgtgtctgct	300
gagcactaac	tgcgtgccc	gcacagtact	gagcccattg	ctcatctcag	caggttcatc	360
ccagcaacct	gggaggga					379

<210> 2484
 <211> 377
 <212> DNA
 <213> Homo sapien

<400> 2484	
cggtgctgct	60
aggacttgag	120
aaaacatgta	180
gtttcaactg	240
actttcaaga	300
cattttattag	360
ttaccttttt	377

<210> 2485
 <211> 375
 <212> DNA
 <213> Homo sapien

<400> 2485	
cgctgctgct	60
aaaaatccct	120
ggagacatgg	180
aagctggaag	240
ttctgccact	300
ctaatacttt	360
tgtgtaaata	375

<210> 2486
 <211> 372
 <212> DNA
 <213> Homo sapien

<400> 2486	
ggcacgagat	60
atctatgaga	120
gatttttcca	180
tcctgaagga	240
gtggtttaca	300
taagaaatta	360
gtaggatcct	372

<210> 2487
 <211> 155
 <212> DNA
 <213> Homo sapien

<400> 2487

```

ggcacgagct ccgcgcggcc tcgggtccct gcgcgcgccg cccacaaca aaactcagcg      60
cagcgtctcc gggcgcccgg ttcagagcga cctgcggctc agagcggagg ggagactgac      120
cggagcgcgg atcgggacag cggccgggac agcgg                                155

```

<210> 2488

<211> 375

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(375)

<223> n = A,T,C or G

<400> 2488

```

cagctcatat ctggctaaca gtggcactat gggagtttat atgatctgtg cattattctg      60
tggcatcacc ttctaagagc agagatgtga cccaatacc cttgttttcc ttaaagataa      120
ccattaaatt atatccatga atttatatca ccgtccctga ctttatacgt agatttttct      180
aattctgtca acccttaggg taatgaataa cttaaattggc caatgcctct gaataacatc      240
atacttcctt ttgtttctcc aaaaattgaa tcaagatgcc agggcaacta agatttttct      300
caatttgcta agttaaaggc cagtgtattc attagccaat ggttctgtat ttatttcatt      360
ttagntttta ttcgg                                375

```

<210> 2489

<211> 379

<212> DNA

<213> Homo sapien

<400> 2489

```

gcggattgtg acaaaatctt tcattaacaa ggggagtttc ggtgaagtgg aggtttgggg      60
aaaggcgagg aagtcggtct ggagcaagca agcaaagtgc ggaagctgta ctgggattct      120
tctagaaaagt ggggtgggaa aggaggtagg gagggcgtgt gcagggacga gatctgtgtc      180
agaacgtgcg tgtgagcgga tacaaaaccc gagagaggcg tgagcagcgc tgtgtttgcg      240
agcgggagcg aggggcgccg gctggggtgt gtgctcctga gctcttcaga aaccaggctg      300
ctttcaggaa cattgctgtg gattcccagg gcctattcca ctagaagcaa gatggctgaa      360
ctcaatactc atgtgaatg                                379

```

<210> 2490

<211> 372

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(372)

<223> n = A,T,C or G

<400> 2490

```

catctttggc gtaggcatg aaagacagga tgctcattgg gtgttctgct gagtgaggaa      60
tgctgcctat tccctgcgag tacgccctac ccagggatgt gtgttgaaga gccctggagg      120

```

aaatggaccc	agttttgcc	catatcagta	ttacgctgaa	gatcaggtga	ctggtatgcc	180
ccacctccca	tcattgcctc	ccatagccat	tctgttcagt	cagctcatcc	acgctggatt	240
cctgagaggt	ttgcaatttg	ggaagccatg	aaaaaggctt	ttatatcttg	gaaagatgga	300
gagagggaca	taggatcggt	gactcctaca	tgacatgaat	aggctggaga	ttgggaatcg	360
gccatccacc	an					372

<210> 2491
 <211> 375
 <212> DNA
 <213> Homo sapien

<400> 2491						
ggcacgagaa	actgtcagcc	cattaagtgt	tcattctctaa	tgtgaaattt	ctagatgaag	60
gcaatttagc	ttaatttgcc	aagacatctc	ttcatgtctg	ggagggctgc	tgggggaagt	120
agagctggaa	tccattggag	ccaccaatct	gcagaagtct	agaacacaaa	ggacacagag	180
tgggtttggt	gggtcattgt	ggcattttgtc	aaggaaaagc	aacattgccc	tctaaatgac	240
tcccacttct	gttctggaaa	aaacgcacatc	tcattcatgc	caccatccca	atagacatag	300
gaagcaattt	ctcttcaggt	tttgagatgg	tgcaagcatt	gacttttctt	tctacagagg	360
gctgggatgg	ggggg					375

<210> 2492
 <211> 382
 <212> DNA
 <213> Homo sapien

<400> 2492						
accgcacgag	ggaaaatcaa	acttcttggt	tgttctagct	ttgaagcttt	tgttctcagta	60
atatttggtt	aaagaaccag	atcacatacc	atttatcaaa	gtctttactt	aagccagact	120
actttgcaga	catacatatt	tggaaaacag	actgtttctt	gttcactaga	tagaatctgt	180
attgtagtaa	gaaactactt	acaagggtggc	tttctttctg	ctttgctact	ctatgtataa	240
ctcaataata	tatgtatggg	cacagggtcc	ctggagatgg	tttatttctt	tatgacagac	300
acatgagtat	gcacctctct	ctagtcctct	gatgtcactg	cagctacagt	ctcttctcac	360
tctgtttttg	agagccttca	aa				382

<210> 2493
 <211> 375
 <212> DNA
 <213> Homo sapien

<400> 2493						
cgttgctgtc	gtgagaacgc	aatgtcaggt	gtgggactcc	ttctgcccct	gcagtgggtg	60
ttacgggagg	tgtgccctgg	cgagcaagct	ttgattcttg	gttcttttgag	ctcgtttcag	120
aggctgagtc	cccacatcag	ctttagttct	tggacttccc	tgtattaagc	aagaattagg	180
agaatggctg	tccctgcagg	cgctcccgt	aaatcctgag	ctctctggcg	caatctgaaa	240
cttctcttct	gttttctttg	gctgtatcag	ccgaaccagg	agaggcctgg	gctgcgacta	300
aggagaaaga	aatcggggtg	ttctgagagc	agatgggtgcc	tttgtgggtg	cagggtcttt	360
gtggaaattg	tcacg					375

<210> 2494
 <211> 371
 <212> DNA

<213> Homo sapien

<400> 2494

cgttgctgtc	gaaagttcca	tataatgaat	taaaagaaaa	gtgctgtgaa	gaaaacaaat	60
tcaggatggg	aataggaggt	ccaagggagt	gcaaggtgtt	ttcattttga	atgtggtggt	120
ctgggaaagc	ctcactaaaa	tttgagaaag	acttgatgaa	agagaggagt	gagccatgca	180
gccatttggg	ggacaacttc	caggcagacg	gccggaggca	gcagtgcag	ggcgtagtcg	240
gggcagtgtg	tatgcctcct	gtgtagcaaa	ccccaggcac	cctttattaa	gccaactatt	300
agggtttcca	ctgtttggag	gtggctcctg	ttcttggaga	cccccaactc	tgatgttttt	360
ttggaattgc	t					371

<210> 2495

<211> 368

<212> DNA

<213> Homo sapien

<400> 2495

ccgttgctgt	cgggcgagtc	tttaaaggag	tggctcatct	ttcctctccc	tggggcattt	60
tgggtgtggga	gactacaggg	gatgaggtta	aaaagcttgg	tcggcaggta	gaggatgggg	120
agagagggtta	gggccctggg	aaagggtggga	gatcagccag	agacaggttt	cccagaacag	180
aatgtctggc	ctttgtgggtg	aggagggact	gtggtatgag	ccgcagaagc	gggccagggg	240
taaacctctc	tgtgcgtcct	tccttcagcc	tggtcctgag	ggtgaccctt	tgatcctggg	300
ttctccaggt	agggctgtga	gctgtgagtt	ggatcctttt	ggtgaaatgg	tctctctcat	360
ctggcctg						368

<210> 2496

<211> 378

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(378)

<223> n = A,T,C or G

<400> 2496

ggcacgagcc	aaggcctggt	ggccctcggt	cccctgcccc	tcgtcaccat	cctgtccttg	60
gctggccgtg	aggactcccc	tcctcaccac	tgggtcccac	agggctgagg	tgggcagtag	120
agggcatagg	tgggtacatg	tcccgggcaa	ggtctctcgg	ggggacagaa	gtgagtccag	180
ggagtgggtg	ggcctgggcg	tccctcactc	aaaatgccgt	ggggtgagga	cggtgaggac	240
agggtgggca	ctgggttctg	gtttagagtc	agtaatgtta	gggcgcagtg	ggcagggggg	300
caggacatct	ccagccgggtg	gtgaggaagc	atggtggggg	ctcctccaca	ggacggggagc	360
tggngagggg	gtcctggg					378

<210> 2497

<211> 384

<212> DNA

<213> Homo sapien

<400> 2497

cgttgctgtc	gatttgtaga	ccagactggt	atccacagtt	taattgaggg	tttgcctccag	60
------------	------------	------------	------------	------------	-------------	----

tattcctggc	ccaatgacaa	agatcctgtg	gatggctcctt	ttcctactat	gacttttgct	120
gaggtgctgg	ccacctatgg	aactgataaa	cctgacactc	gctttggaat	gaagattata	180
gatatcagtg	atgtgttttag	aaacacagag	attggatttc	ttcaagatgc	acttaataag	240
ccccatggag	ctgtgaaagc	catatgtatc	cctgaaggag	caaaatactt	aaaaaggaag	300
gacattgaat	ccattacaaa	ctttgcagct	gaccatttta	atcaggaaat	cttacctgta	360
ttccttaacg	ccaatagaaa	ctgg				384

<210> 2498

<211> 371

<212> DNA

<213> Homo sapien

<400> 2498

cgttgctgtc	gccatgccat	tgacttgtat	gcagaagcaa	tggtctcttc	cctctatcgc	60
cgaaccataa	gaggaaggag	cttggatata	agacaagtgt	acaccaaata	tgaaggatgat	120
gaggttgaag	atctctatga	gcttttgaaa	cttgtaagg	aaaaagaaga	agtagagggg	180
atatcagtag	gtgctatact	ttctgactat	cagcgtattc	gagtggaaaa	tgtgtgtaaa	240
aggcttaatc	tccagccttt	agcttatctt	tggcagagaa	accaggaaga	tttgctcaga	300
gagatgatat	catctaact	tcaagcaatg	atcatcaaag	tagcagcttt	gggttttagat	360
cctgataagc	a					371

<210> 2499

<211> 377

<212> DNA

<213> Homo sapien

<400> 2499

gtccaagctg	ctcggcttgg	agcaatgacg	tccatgggtg	gtaagggttg	caaagattct	60
tttggcaatg	attatataga	aaacttaaaa	cagaatgata	tttctacaga	atttacatat	120
cagactaaag	atgctgctac	aggaactgct	tctataattg	tcaataatga	aggccagaat	180
atcattgtca	tagtggctgg	agcaaattta	cttttgaata	cggaggatct	gagggcagca	240
gccaatgtca	ttagcagagc	caaagtcatg	gtctgccagc	tcgaaataac	tccagcaact	300
tctttggaag	ccctaacaat	ggcccgagc	agtggagtga	aaaccttggt	caatccagcc	360
cctgccattg	ctgacct					377

<210> 2500

<211> 346

<212> DNA

<213> Homo sapien

<400> 2500

tttcgtttgc	gagaagacga	cagaaaaggca	aggaactagt	gtgtatcaag	ccataactaag	60
ctggagttha	gcaggacaaa	ggcaaaactaa	atgtagaaca	taacatatca	gctgaatatg	120
tctatccagg	actgtttttc	tagaacataa	atcatggagc	tccttgacag	tgtatccact	180
gtttttgggg	tttaataaaa	ccaactagaa	tttagactta	caaagaaatt	attatttcctt	240
ttggttgccc	acataaagca	gtccagggct	atcatatggc	taaaatcaag	atatttggtt	300
catctctggg	atgtatttat	aaagtcaact	tatcagccat	taagat		346

<210> 2501

<211> 344

<212> DNA

<213> Homo sapien

<400> 2501

tacttttctgc	gagaagacga	cagaaggggg	cggaggggca	ccttacttac	ctcaggggcaa	60
ctcccccaac	actggagaca	gttcggtcca	aacaggagt	ggagacgaga	ctgaatggag	120
tttgataat	gaaaaagaat	gttcgggacc	aatttaatat	tcatatccag	ttagttagga	180
acggagccaa	gctgagcaga	cttcctcaaa	tcctactcc	cactttacct	ccacccccat	240
cagagacaga	cttcattgctt	taggtgtttc	aaccaggcc	ctctctggct	cctcggatgc	300
ccttttccat	tgggcaggtc	acaatgccc	tggttatgcc	cagt		344

<210> 2502

<211> 338

<212> DNA

<213> Homo sapien

<400> 2502

agggtatgg	ctgctagaag	acgacagaag	ggataaccaa	acctcctaga	ctaacaacac	60
agtcattcat	cttacctcca	agaaaaacat	aaccccaacc	agctatttgc	cctgctccca	120
gtagaggcag	acacacctga	atgtgctatg	aagagacaag	ccttagggga	gaaacagtgt	180
gatttggaca	aatcattcta	taacagcgaa	acctttcgat	gtgttcaacg	gctgcagaaa	240
gcacaccaca	ggtgagagac	cagaaagtgc	ccaaggggtt	ttatacaaaa	aaactatatt	300
taggtatagg	gcacagtcta	cgtagaaaac	ctttcaag			338

<210> 2503

<211> 335

<212> DNA

<213> Homo sapien

<400> 2503

tacggctgcg	agaagacgac	agaacaaaac	ccctctgctc	tcctctcgca	gaggteatcc	60
ctgagtcagg	gtggcagtcc	ctccccgggg	ggcagaggag	agtgcctatg	gttgaggctg	120
gggactctgc	aactggggga	ggcacggtaa	aattaacacc	tgctgatccc	atgggccttg	180
gacaggtttc	ttgacttttt	gggggcccgt	gtcaaagggt	gagtataata	acctcctccc	240
cacagcaaat	taataaatgg	catgtgcaca	tacagcgctt	gcctcatgtc	tcacatgata	300
aacctgattt	ctgggcactg	gctgagcgac	tatgg			335

<210> 2504

<211> 475

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(475)

<223> n = A,T,C or G

<400> 2504

acttgaactt	nnnaaggatc	ccatcgattc	gctcagatct	ccaactcctc	ctccttcttc	60
taagccatca	agtattcctc	ggaaatcacc	tgtggatctc	aatcaagtta	gcatgctttc	120
tccagctgcc	ctatcacctg	ccagctcacc	acaaagatct	ggaactccta	agccatctac	180
tcctacacca	accccttcat	cgaccccaaa	ccctcctgat	gctcagagct	caactcctag	240

taccccttca gccaccccta ctccccaaga ttcaggcttc acccctcagc ccactttgtt	300
aactcagttt gctcagcagc aaaggctctt gagccaggca atgctgttaa caaccattcc	360
tctttccacc atggtaacat ctataactcc aggaaccacg gccacccagg tcatggcaaa	420
ctctgctgga cttaacttca tcaatgtagt gggctctgtt tgtggggccc aggct	475

<210> 2505

<211> 446

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(446)

<223> n = A,T,C or G

<400> 2505

gacaattctc anggccttnn tggaagatcc catcganncg gttgcggcac gagaatgctt	60
ttgccattat acctatattt tttagaacag caagccctat ttgaccactc tcttcagcct	120
gtgtgttctt gctgttttga agtaatcaaa tgctgtgcat ggtattttac ctgagctgca	180
acctgttatg gacttgaact tctgttttaag ttgaaagcaa gagtccctga gtataaagga	240
aaaacagcaa aacaaaaagc aaacaaaaaa aaactgcaaa agtctaaaat acccattggt	300
gatgtttttt aaaaaaatct tgcttttcagc tttcaggagg taatattctt tgttttaatt	360
tgataattgg atatggttga tttatattgg gtttaaactg cggagctttc atgtttactg	420
gtaatttagtc ttaaaatatt ttttac	446

<210> 2506

<211> 444

<212> DNA

<213> Homo sapien

<400> 2506

tagctccatc ttatacgcac gacccgctcg attccaagat cgctgctgtc ggcattggaag	60
gatgcatgta tgactgagga aaagtcattc agtattgagt tcatttgcat tagaggaatt	120
tcatagttaa aaacttgat atctttacct atccttcgta tgttttcttc ttaagcatat	180
ttgacttttt ctacctcagc atctgtataa gaaaatattt gtgagtcaga tgtttgtggg	240
ttttccttac ctattattat tttcttccat gctttacaac acatttttta aactaccttg	300
ttcttaaata attacacgga cctgcttctg tgtactttca cagaatcttt gacagttaaa	360
aattgtatgt tatataaaaa ttgacaagc ttctacagtt aggaaaagcc tttagaaatc	420
tgctttcccc aaaccgtatg ttat	444

<210> 2507

<211> 431

<212> DNA

<213> Homo sapien

<400> 2507

ttcaaggacc acatgtgttc tctattttgc ctttaaattt ttgtgaacca attttaaata	60
cattctcctt tttgccctgg attgttgaca tgagtggaaat acttggtttc ttttcttact	120
tatcaaaaga cagcactaca gatatcatat tgaggattaa tttatcccc ctacccccag	180
cctgacaaat attgttacca tgaagatagt tttcctcaat ggacttcaaa ttgcatctag	240
aattagtgga gcttttgtat cttctgcaga cactgtgggt agcccatcaa aatgtaagct	300

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gtgctcctct catttttatt tttatttttt tgggagagaa tatttcaaat gaacacgtgc      360
accccatcat cactggaggg aaatttcagc atagatctgt aggattttta gaagaccgtg      420
ggccattgcc c                                     431

```

<210> 2508

<211> 433

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(433)

<223> n = A,T,C or G

<400> 2508

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cgttgctgtc ggccggcagg aaattttaaac tgaagccgcg gccgaaaacg ccaagagatt      60
gatgctgtag ctgccctgag ataaccagga ctgtggaatc ggaagagct catggagctc      120
gcgaatgtaa tacggaggcc tctgaggaag gactacggag gccgagaagg agccggcatt      180
tgatgagcga accgggaaag ggagacgatt gcctcgagct ggagagtcc atggctgaga      240
gtaggctccg ggccccggac ctaggagttt ccaggtgtct aggaaaatgc cagaagaact      300
caccaggtgc caggaagcat cccttttccg gaaagtcctt ttacttggat ctgcttctgt      360
gcaagaatct ccagtttttg acggnngcca ttcagcaact ggtggggta attgaggggt      420
ttctgagcaa aga                                     433

```

<210> 2509

<211> 425

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(425)

<223> n = A,T,C or G

<400> 2509

```

tagatatgca tgcttgagga aacttgcttt tactgttttc ctacttgat cccagttca      60
gttgaattta caaggacctt caagatggct atgtttgtct tggatatgtc taccccaatt      120
ttagtgtttc tttctttatt ttaaatacgt aattattcag ttgattgttt atactatata      180
atgaagtaac aaaaacattt tggtttgat gttttaagta acagttgtgc aaattcctct      240
tgtttgtag gtgctccctt tgaatatatt gtgaactgtg tcacagggag aggggtgggt      300
gctaggaaga ggtcagaaa gaagctagag ggaggtcagg agaagggtaa cagggaggat      360
gcaaagcaga catctaccct ggtcacccca ggatcaggat atctgtcctt ggttcattgt      420
gaatn                                     425

```

<210> 2510

<211> 423

<212> DNA

<213> Homo sapien

<400> 2510

```

ttcaaggacc acatgtgttc tctattttgc ctttaaattt ttgtgaacca attttaaata      60

```



```

cattctcctt tttgccctgg attgttgaca tgagtggaat acttgggttc ttttcttact 120
tatcaaaaga cagcactaca gatatcatat tgaggattaa tttatcccc ctacccccag 180
cctgacaaat attgttacca tgaagatagt tttcctcaat ggacttcaaa ttgcatctag 240
aattagtgga gcttttgtat cttctgcaga cactgtgggt agcccatcaa aatgtaagct 300
gtgctcctct catttttatt tttatttttt tgggagagaa tatttcaaat gaacacgtgc 360
accccatcat cactggaggc aaatttcagc atagatctgt aggattttta gaagaccgtg 420
ggc 423

```

<210> 2511

<211> 421

<212> DNA

<213> Homo sapien

<400> 2511

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cgcacgagag agagagagag agagtatttt tgagagagag agagagagag agagagagag 60
agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 120
agagagagag agagagagag agagagagag agagagagag agagacacac cctctctctc 180
tcttcttcag tgagtgaagt agcgagtggt gtgtctcccc cccctctct ctctctgtgt 240
ctattgtctt tttctggcgc gtattgcttt atctctctct ctctctctct ctacataca 300
tattcccccc cccctctct ctctctcaca caaatttttt ctttttttgt tcgtgtgcct 360
ctctctctat aaaaccact ctcttctctt tttctctctg cgtgtgtgcg ccttctctcc 420
c 421

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<210> 2512

<211> 422

<212> DNA

<213> Homo sapien

<400> 2512

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ggcacgaggc caaatccttt gagctgttaa gatgataatt tcctgctttc ctctacatc 60
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ttttttccaa gttaggtttta ccaaataaaag ggttggggag aaccttgccc ttttggaat 180
tttaaaaaaa ttttttacc tttcttaaaa taagtttctg gtttttccaa gggtttaatg 240
gaaaatgggg aacaaaagaa aaaatttgga gcggattttc tttttccctg gtaagggggg 300
gagattttcc caaacggag gggccccccc ctggtttgga acctggaacc acatccccgg 360
ggggtgggaa agggaatttc cccaccggga agccttgttc tttggttccc agggccttgg 420
gg 422

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<210> 2513

<211> 422

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(422)

<223> n = A,T,C or G

<400> 2513

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ggcacgaggc agccggacca ggagttgggt tcgtctctcc ccgagcctcc ctttctcaaa 60
tcccgcaggg tcttcgcgag gatccggggc gctccccgcg gacctgcctc gcccggggct 120

```

tgggctcggc	ctgcctctgc	ggggacttct	gtatgcaccc	cgtgcagtgt	ccccgacagg	180
cgacccccgc	cgccccgcgt	ctaggggggt	gggacggagg	acagctagcc	tgaagtctgc	240
tcccagccgt	gcactggccg	cgaattcggc	gctgagagcg	ggagagggag	agaaaaacac	300
tttgtatttt	ccaggttgcc	tttgcaggcg	cccgcatctc	taacctgttc	ttcctcttgg	360
tggaaggcaa	agtccaggga	gaggctgtcc	ctatgcggng	cgctggtggn	gctgaggggac	420
at						422

<210> 2514

<211> 422

<212> DNA

<213> Homo sapien

<400> 2514

cgttgctgtc	gaagtatttt	accttgactt	accttctgtc	accatatctg	aaaaacttca	60
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tcttattttc	aataagaagg	aagctaaatt	tgcacaaacc	ttgggtcgaa	tttctcctgt	180
accaagtcca	gaatctgcat	atactgcaga	aaccacttca	cctcatccca	gccatgatgg	240
aagttcattt	aagtcaccag	acacagtgtg	tttaagcaga	ggaaaattat	tagttgaaaa	300
agctatcaag	gaccatgatt	ttattccttc	aaatagtata	ttatcaaatg	ccttgatcatg	360
gggagtaaaa	attcttcata	ttgatgacat	tagatactac	attgaacaaa	agaaaaaaga	420
gt						422

<210> 2515

<211> 166

<212> DNA

<213> Homo sapien

<400> 2515

tgttttgggt	gcactcttac	ccatgatgcc	agttgccttc	attatattaa	ctgagtttta	60
aatttgccgg	ggggaagcta	ttttacctta	tgcagggaac	ttaacaaggc	ctaataattaa	120
cctttatttt	atttttaggg	agttactttt	ggctgcaggga	cctcgg		166

<210> 2516

<211> 415

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(415)

<223> n = A,T,C or G

<400> 2516

ggcacgagga	gagagagaga	actagtctcg	agagcagnnn	nntttttttt	tttttttttt	60
ttggggtttt	gggtttgggc	caataaaaaa	actttttttt	ttacaacaat	tttaccctcc	120
cctttttacc	ccttttttcc	ccccgggggt	aaaaggggga	aaactcttgg	gggtttttcc	180
cccccttttt	aaaaaaggaa	accccccttt	tttaaaccgt	gtttttttcc	ccccctccga	240
ggagggggaa	ttttactcca	aaaaccccc	ttttttaaaa	aaaaaaaccc	ctggggggaat	300
tttttttttc	ccgggtttta	aagaccccc	aaaaaaaaaa	aagggttttc	ccccacattt	360
tgtggcgggg	aaaaaaaacc	cccccttttt	tttttcccc	cctcaaaagg	ggccc	415

<210> 2517
 <211> 416
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 2517
 cgttgctgtc gaagaatagg agagaataga ttatgctctt ttaaacctga gagagggttg 60
 ctctccttaa atagtgatat agagccttaa atgcattttt gttgttggtg ttgatcactt 120
 acagaaatag ccagaggtaa tggatttcct cttaccaa atgaaggatta gctctgtaga 180
 aatggtgaat tttaaatggt ttccttgtag ctgatagaat tgcatagtgt tcctgcatct 240
 tatatgagag gcagtttaag gtgcttcac aactgtggat ggaatcctca aagtccagtc 300
 tctgattggc tgccaggggc ctaaacaggt tgaatatatt aatcaactat acaggagtca 360
 accatcccaa gagttaaaga attgcataga tcctttagtt taagggaata aaaatn 416

<210> 2518
 <211> 413
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 2518
 ccacgattc gaattccgtt gctgtcggcc tcatttgcta tcccagcatc tcttaaaact 60
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 aaaacatgaa tcttgggagt ctacattttc ttatcaccag gagctggact gccatctcct 180
 tataaatgcc taacacaggg cgggtctggt ggctcatgcc tgtaatccca gcactttgag 240
 aggctgagg tcggcggact gcctgaggtc aggaattcaa gaccagcctg gccaacatgg 300
 caaaacccca tctctactaa aaataaaaaa attattagct gggcatggtg gtgtgtgcct 360
 gtaatcccag ctactcanga ggatgaggca ggagacctgc ttgaacctgg agg 413

<210> 2519
 <211> 416
 <212> DNA
 <213> Homo sapien

<400> 2519
 ggcacgagat tttaatcagc tatgtcattt ctgcgtctcg ttgtatactc ctggaaggctc 60
 ttagagaaat cctgccaaga aaatatcccc tggatgaatcc tcggggcact agtccacgcc 120
 gcactgtcag caagtatctg ctgaaacaag tatttttgaa tcttttagctt ttctgtagct 180
 ccagtctttt taaagtactt cttttgacct tcaagtaaca acgagcactt gctttaaaat 240
 tctgacagtc ttccaagcct tttaacattc ttattccact aaataagctg tcgccgctca 300
 ctgggacagg cagcacagtt gcttgaacgc ccggcttgaa attccacgaa atgtcacctc 360
 ctctgtgaag ccttctacaa ggcagacttg tctatttctt acttaatttt actatg 416

<210> 2520
 <211> 413
 <212> DNA
 <213> Homo sapien

<400> 2520
 cgttgctgtc ggaagaattc gcggccgcag gagttttcca gtcccagcta cccgggagggc 60
 tgcggcaaga ggattgcttg agcccaggag ttcgagcca acctgggcaa aagagtgaga 120
 ccccatctct aaaacaaaa aggtacctta gaaggtcacc tggttggcta accttttaaa 180
 ggcaggggcg tgacacgtag gacacattgg gaatgtcttg gctactacat gtagccttct 240
 gggatatatg tgcccagagg gagaagcact gagcctgaag aaactagatg agtctcagaa 300
 ccacagaccg gccagaaatc tctcccacca ttatatcagc gtgatacagg tctacattca 360
 tttctacaaa caggaacaag ttccttgtag caataatatt attttatgac ttg 413

<210> 2521
 <211> 166
 <212> DNA
 <213> Homo sapien

<400> 2521
 atataccctg tctcactttc cagaggtagc agtcactaat actgggggtga gtgattttac 60
 tcaaaggaaa tcacactatt aagcagcttg gttttgacat gttatggttg ggtcatcttt 120
 tcatgtcaat acatagatta atctttttatt tcaaattgtct acataa 166

<210> 2522
 <211> 413
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 2522
 cttttgttac cttaaataatg agtaggatct tgttttgttt tatcaccagc acacagattg 60
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 gagggatagt ctttagctat gttttagggc catatattta ctctatcaaa tgatcttttc 180
 tccatcccc aggctgtgct tatttctagt gccttggtgct cactcctgct ctctacagag 240
 ccagcctggc ctgggcattg taaacagctt ttcctttttc tcttactgtt ttctctacag 300
 gcctttatat ttcataccat ctctgcctta taagtggntt agtgctcagt tggtcttagt 360
 aaccagagga cacagaaagt atctttttgga aagtttagcc acctgtgctt tct 413

<210> 2523
 <211> 416
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 2523

ctgggggtgaa	tgcacgtcag	tggaggcaga	atcattctgt	ctgaatgaat	ggagtttcca	60
ggccccact	ggccctctgt	gtgagggct	gcagggtttg	gcaggacagg	tctttctctc	120
cggcgagagc	acccaccctg	accggctgct	ggatgagggc	accaaagctc	gctagggagg	180
gctctgtcct	tagggaggag	ctgcggaatc	cctgcagctg	tgccccagg	ccctgccttg	240
cacacttcct	gcagccagg	cgcccctggg	gaggtcagg	caggccggg	aggctgaggc	300
ccacctgcc	tagtgngcag	gtgcgggagc	cagggcggca	gtggcctcgg	ggctgggtgg	360
ggcgccttgc	ctctggtctc	tggagtagtc	angggctctg	cagatgctga	gaggcc	416

<210> 2524

<211> 414

<212> DNA

<213> Homo sapien

<400> 2524

aaaagtaatc	tttatgcctc	agcctcccat	gtagctgaga	ctaccacac	cttgggtcca	60
gctagttggg	aggctgaggt	gggaaaatca	ctttgccag	gatataaacg	ccgcatggag	120
ctatgattgc	accactgcac	tccaggcaac	agagtgagac	cctgtcttaa	aaaaagaagg	180
gagaaagtgt	caaagtgtga	tgaggtctgg	gggggaaata	gagaaatggg	atcacgagt	240
tggatggtgg	tattccctca	ccaagatgtg	acatgtaagc	acgccgctgg	gaggagaggg	300
tgcgaccgc	gtggaatttc	cacaaccacc	ctccgtcgtg	aggccacacc	caatgcagag	360
gccgagaggc	gggcacccca	atcccccgga	actgggattg	tgaaggctag	gtcc	414

<210> 2525

<211> 413

<212> DNA

<213> Homo sapien

<400> 2525

ctgaccagct	ggacgccatg	ctggactgag	ccctccagca	gtgcccactg	tgacctgccg	60
aagtccactg	cctttgcccc	agcacagaag	aggccctgc	caccctaggg	acgggccaag	120
ggctggtcag	gctgaagtgc	ccctcctagc	agggccctt	cccactcagc	ccgcggctgt	180
gggcaccaca	gctcttggtg	ggcagcccac	cttagaacct	gactagcgag	ggacctccgc	240
tgcattctag	caaagccctt	cccagggttt	gacgattga	gcaggacagc	cctgctcctg	300
gacagggacc	ctggtaagag	ctctctcctc	agggaggaag	taggggtggg	ggctttgggg	360
tgctttctct	gtacccccca	gcccattgtc	caagttgtgc	caagggaatg	cct	413

<210> 2526

<211> 416

<212> DNA

<213> Homo sapien

<400> 2526

cgttgctgtc	ggttaagtgc	attcttttgg	tggctcgatg	ttaccctcat	attttcagca	60
ctaatttttag	ggatacagtt	gatatattag	ttggatggca	tagagatcat	actcagaaac	120
cttcgctcac	gcagcaggta	tctgggtggg	tgcagagttt	ggagccattt	tgggtagctg	180
atcttgcaat	tcttacgact	cttcttggtc	agtttctaga	agacatggaa	gcatatgctg	240
aggacctcag	ccatgtggcc	tctggggaat	cagtggatga	agacgtccct	cctccatcag	300

tgtcatcacc	aaagctggct	gcgcttctcc	gggtatttag	tactgtgctg	aggagcattg	360
gggaacgctt	cagcccaatt	cgggtcctcc	aattactgag	gcatacgtaa	cagttg	416

<210> 2527

<211> 408

<212> DNA

<213> Homo sapien

<400> 2527

ggcacgaggc	gagaggccgc	ttgcatgacc	ctgacatcgg	cagcgggagc	ggcggccaga	60
ctctcttggg	agtttaggat	atttcacagt	tctgaatgtt	agccactgaa	aatgccagta	120
gatgatgaag	cctctgaaga	tgacacggat	tcatttttct	caaacagccc	aagaaccttt	180
atthttccaat	aagagaatat	aacaatttct	gtacactatg	gaagagtgtg	acttggtgaa	240
aaccttacac	aaaacttcat	cttctgtagg	atctgatgaa	aattctcttc	attctcttgg	300
actgaactta	aatactgata	ggtaagaatg	ggatttaaaa	aaaatgtacc	aatcagaat	360
aaccttattt	gcatacgttt	atcaacttat	ccaaatagtg	tcgtagtg		408

<210> 2528

<211> 409

<212> DNA

<213> Homo sapien

<400> 2528

ggcacgagat	tctgtggtgt	cctagaagca	ttattggtag	gttctaaagt	tttctagact	60
ttctgtcaa	ttgtaagtaa	ttgtgatata	ttctatgcag	tggatgaatg	ttctttaaat	120
ttgtgtaa	acttctgcaa	aggtactgat	gctgtaaagt	caaaacagtt	ttgtggaact	180
gtgaattttt	tttctttttt	cttttttttt	tccttttttt	tttggataa	acccccctga	240
aaaaccaatt	ttgctgcctg	aaaaagaagg	gaaaaaaaaa	ccccagtgtc	ttttttaaaa	300
aaaaaccttt	tgggaaggat	ttttgggttt	tccttaacat	gaacccccct	gaaacgtttg	360
gcggggccaac	ctcaaagctg	ggacaaaatt	tttttttttt	ggaaatgga		409

<210> 2529

<211> 408

<212> DNA

<213> Homo sapien

<400> 2529

ggcacgagaa	caatatgagg	tacagaaaga	aaatgacaat	ttgataactc	ccattacaaa	60
gaaaagaatt	actgagttca	taggctgcca	ttcaacgtgt	taggaacagg	gtagagctgt	120
gaggcacctt	tattgctgag	gaaatggaag	agttgaatag	gatttaggga	tgaggatact	180
gtggagaatg	ggatcaccca	agggagtga	gttgattgga	tttgagggct	tgggagaagg	240
tcaaggatta	ctccagtttc	cttctagagc	ctctgggtgc	aggtaggggc	agtcagtgtg	300
ctattggagt	gtgacagaag	agagaatgtg	aggtttagtt	gtggcacaga	ggagaacctg	360
tggagtggag	ttgtgtctac	ccgtctaggc	ttcagggagc	cgaagact		408

<210> 2530

<211> 165

<212> DNA

<213> Homo sapien

<400> 2530

ctcccttggc	gatctgcagg	aacactagta	atgactggaa	ttactccgtg	atctttgatg	60
actattacac	ataacagcac	tctagcacct	tttcttactg	gcatggactt	cctcatggac	120
tgctacttca	tggatgatag	cttcattgct	ttgggtaggg	attta		165

<210> 2531

<211> 409

<212> DNA

<213> Homo sapien

<400> 2531

ggcacgagaa	agaatagaga	gaaagggagc	cgctgtgctg	gtgggggtaca	ctgcagagga	60
gtaagtcttg	tgtcaaagca	ggaatctgat	cagaggttca	gaattggaag	tacaatttca	120
ttgcttttgc	aatttctaca	aattaatttt	aaagtgtcag	aaaaaggtga	cggcaaggac	180
atgcattgca	atgtgcaggg	ggaattgtca	agtgaggact	tcatacacata	tgacacgaga	240
gaaaagtaag	agctggttct	aaaatcaaaa	gctgtgtgtc	atcctgaatt	gaattttctg	300
aatttgggtg	gagcagagtc	gctttgaagc	cttgggtccga	tctaattcta	ttgtattggt	360
gatgataagt	ggtgacattg	ggtagtgtaa	agcaacaagc	atgtcttgt		409

<210> 2532

<211> 409

<212> DNA

<213> Homo sapien

<400> 2532

ggcacgaggt	ttctcaagga	ccttgaggac	cccagaagcc	cttgcagcag	gaaaggctgt	60
aagggggggg	cagcctaggg	caggacctag	ggaggggaac	tttcttgata	catatttgcc	120
ttttcatccc	atctagcaag	cacagtgtta	attttagaaa	ttatagaaga	aaaaatcagc	180
aaggagtgtg	ggaaaactgc	atgccccagg	cctccccgcg	cccaggggtga	attggaagcc	240
ctggaatggg	ccgagggaca	ccaggcagct	gatctgggtg	catgtgggcc	acagaccact	300
ctcacaaggt	taaatcttta	acaagagcct	catgtttgtt	aggagaaggt	gggaccccg	360
cccaagcact	tccccattgc	agcctggcat	gaaatctttg	ccttttagt		409

<210> 2533

<211> 412

<212> DNA

<213> Homo sapien

<400> 2533

ttttcggcac	gaggagagag	agagagtgtg	agagtgtgat	atgagagaga	gagagagaga	60
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	120
gagagagaga	gagagagaga	gagagagaga	gagagagaga	cccccccccc	tctatacacc	180
cacacgcgcg	cgcgcgcgcg	tatctctctc	ttctctctca	ctcgcgcgcg	ttttgtgttt	240
ctttcgcgcg	cgcgcgcgcg	cccccccccc	ccccctactc	tcgccccccc	cccccccttc	300
ctttcgcgcg	ccccccccat	atatctctct	cccccccccc	ccctctcttt	tctgtgtgtg	360
tgtgagagag	ggatattttt	ttttgttccc	cccccccacc	ctcgttttct	tt	412

<210> 2534

<211> 411

<212> DNA

<213> Homo sapien

<400> 2534

cgttgctgtc	ggcgctgtgt	ctcgctggg	gtaggggtgt	gtcctgtcag	ccgtgggggc	60
tgctcttct	ggtggtggag	gccaggtccc	agtccttccc	cacacttgta	gaaacatgca	120
ttctctggt	gggcctgcaa	acctgcccta	ccaaacctga	aagagggtcg	gctcatctcg	180
gaacccgctg	cgtgccaaagc	caggcacgag	gaggtggcag	gcatcccgac	ccccgtgggg	240
cctgtgttct	agagtgcaga	gacagaactg	gctgggaggt	gcggggcatt	ggattgtacc	300
agtgtctggg	aggagagcaa	agcaggggaa	ggtctcggca	gcgccgaggt	gtggccgaga	360
gggttgctgt	ctgcaccatg	ctgggatgca	gaatggaggc	ctgtgccgcc	c	411

<210> 2535

<211> 406

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 2535

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accgaggttc	tatgtctttg	acattctacc	tccagtattg	cctttgtact	tcagagatct	120
cttctgttgt	tagagaaatg	gctgcaaagt	gaacataggg	agttctttgt	tggtgttatt	180
aaagatatgt	atatttcctg	taaacagcta	agtctgttta	gacccctagga	catggcattt	240
atatagcaga	atattattta	aaatattttc	atctcgtgac	ccattagcca	ccaagtatgc	300
ttccttaggt	aattttttaca	tagtagtacc	atgccagct	ggatagagtt	gccttgaaga	360
agtgatattt	acaataaaaac	aaaattttac	aatattttaca	atanag		406

<210> 2536

<211> 404

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 2536

cgttgctgtc	ggaagaattc	gccgccgcat	gagannnnnn	tttttttttt	tttttttttt	60
ttggggtttt	tttttaacca	aaagggcctt	cccccgtttt	tttttaaaacc	ggttttgggg	120
gtttaccccc	agcccccttt	tttttgggaa	aaaaaaaccc	ctccctcttt	ttaaaaaaa	180
cccttttctt	tttttttttt	tttaaaaaaa	aaaaaagggg	gggggggaaa	aaaaaaaaa	240
aagggggggg	cccccccccc	cccccttttt	tttttagggg	gggcttttgt	ttttttaaaa	300
aagttttttt	ccgggggggc	ccttttttatt	ttccccctta	aaacccccat	tgggggggga	360
acggccccgc	ccccaaacag	aggggggaaa	aatttttttt	tttt		404

<210> 2537

<211> 403

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(403)

<223> n = A,T,C or G

<400> 2537

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ccagacctca gaagcaccag aatacgttta gcttcaaaaa tgacaagttc gataaaagt 120
tgcagacca gaaaattaat gcaaaacttc atgatggagt atgtcagcgc tgtaaagaag 180
ttcttgagt gcgtgtaaaa tacagcaa atcaaaacct aaaaagtgtg 240
ttaaagtgtt acaaaagaca gtgaaggatt cttatcacat aatgtgcagg ccatgtgcct 300
gtgaacttga agtttgcgca aaatgtggaa agaaagaaga cattgttatt ccgttgaata 360
aagaaacaga aaaaatagaa catactgaaa ataactaag ttn 403

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<210> 2538

<211> 403

<212> DNA

<213> Homo sapien

<400> 2538

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ggcacgaggg agaatgtact gagccacccc cttctttttc tttttaccct ttttgggttc 60
attttcactt aaattgctta cttccaagag gtagatgggt cagtgaagct agattgagcc 120
attgcaactc agcctatgca gcacgagtga gactacgtct tacaaaaaaa aaaaaaatc 180
tcggccctta aaacctttat ggtgtgtttt aagttcaagc ggaagtggga aaagtccttt 240
gttggtttgg gaccaaccac acttaaatgc cggcgaaaaa accgcttttt tgggaaaaatt 300
ggggacccta tgggttttatt taaagccctt ataggcgaga aaaaacaggt tagcaacaaa 360
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<210> 2539

<211> 406

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 2539

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cggggccccc agaaaaaccc gagaaaattt ttgtgttaaa aaacacaaga ttttggcccc 180
ccccagggt ttttgggggt ttggccaaa cctccccctt tttggggggg cccttcccc 240
cccccggggt ttacccecc aaaaaaaat tggggggggg gaggggaact tcccttttt 300
cccccccgcg gggggttttt aaaaaaagat atgggggggg gggccctccc tccctaccca 360
ggaaaacctt tgggggcccc ccttaaaacc aggaggggtc agagcc 406

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<210> 2540

<211> 405

<212> DNA

<213> Homo sapien

<400> 2540

ggcacgagca	aaaatacaaa	aattagccag	gcgtgggtggt	gcacgtctgt	aatcccagct	60
gctcgggagg	ctgaggcagg	agaatcactt	gaaccaggga	ggtggagggt	gcagtgagcc	120
aagattgcac	cactgcactc	cagcctgggc	gacagagtga	gactccatct	tggggggaaa	180
aaagtatata	tatatacaca	cacacagaca	cacacacaca	cacatatatc	tctaaatgtg	240
tgtatagaac	cttttatcag	tataacattg	atttataatt	aaatgtgggt	gaggaagaat	300
gtgtggagt	tttcagaaat	tttgatccta	aaagcctttt	cagaaactca	aagctttcag	360
aaattaatag	ttatattaat	agccttctaa	acagcattaa	gtttt		405

<210> 2541

<211> 403

<212> DNA

<213> Homo sapien

<400> 2541

ggcacgagct	atctttatct	tgggcacact	atagcttttg	ttaattatct	ctttgcactt	60
gttagaatct	gtttttgaaa	aaaaaaaaaa	aaaccttttg	ctttgattcg	gggggactcc	120
cccttcttaa	aaaaccaatt	ttaaaggata	ttaggatgga	ctttcaaacc	caatatcttg	180
aaaggcgatt	tttaaaaaat	tttagctcct	gcctcccaaa	ttaggttaac	ttggaccaga	240
aaataggcgg	agagccccc	aatagagggt	aacttaccta	tttaaacgtg	atcttttcgac	300
tttaaaaaaa	aatgaaggcc	ccgtcaaagc	ttccttagag	ggcgcttatg	aacaaaaaaa	360
aaccttagga	tgtccaaatc	tattcctgag	aactttctaa	gat		403

<210> 2542

<211> 407

<212> DNA

<213> Homo sapien

<400> 2542

ggcacgagat	gtgatgatag	taactctgaa	gcttatgtct	gtagcttttg	cagtgttcac	60
aggttggaga	cttaaacttt	tttaagtaac	atagttcagt	tgtttttttt	tttgaaaaaa	120
acccttggca	gttggaagga	cttttcccaa	gggccaaaag	ggagtgggaag	tccaaccggc	180
cttgggtaat	aaccattact	tttccccccag	ggaaggacca	aacggattct	ttttttctcct	240
cctcaagcct	cccaaacaaa	aggtaaacca	gcctgggcct	atttttaagtt	ggacctggcc	300
aaaccaagga	ttttttta	aaaaaattta	aaagggtccac	cattagaacc	cggataat	360
ttaccccat	ttctttggcc	cttat	tttttt	aaacctccca	agaagcg	407

<210> 2543

<211> 406

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 2543

ggnangagtt	ccgagccgcc	gtaagactgg	ttccggcggg	ctggtgagga	atggagccgg	60
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taggctgctg	cggcgagtg	cgcggctcct	ccgtagaccc	gcggagcacc	ttcgtgttga	120
gtaacctggc	ggaggtggtg	gagcgtgtgc	tcaccttcct	gcccgcgaag	gcgttgctgc	180
gggtggcctg	aatgttcgca	tcttaccaca	tacagttcct	tacatggctg	attcagaaac	240
tttcattagt	ctggaagagt	gtcgtggcca	taagagagca	aggaaaagaa	ctagtatgga	300
aacagcactt	gcccttgaga	agctattccc	caaacaatgc	caagtccttg	ggattgtgac	360
cccaggaatt	gtagtgtact	caatgggatc	aggtagcaat	cgacct		406

<210> 2544

<211> 403

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(403)

<223> n = A,T,C or G

<400> 2544

nnctcggcac	gagaatccat	tcccagagggc	ctcccggctt	gtcccagccc	ctcttttgc	60
tctgaccacg	gaggctttct	cacagcccag	cctgcctgaa	gcaaaggagg	ctcccgtgtc	120
ctgggcagct	tctgtttccc	tctgctgcct	gggagctgag	gcacccgtgc	cagtggcaga	180
ggccacagcc	ccagccttag	gccaggccct	gggagggcag	gcaggcaaag	gggagaccag	240
agggctctgtg	ttctccagga	gaatgagggg	gttggtccca	gaattgggac	cggggccccg	300
ctggccagcc	ctgggccact	tcccgggtct	ccattgtgcg	tgggtggcgt	gttccaggcg	360
tggctggagc	tggcttcctg	gctgtgctgc	catgggcccc	tcc		403

<210> 2545

<211> 403

<212> DNA

<213> Homo sapien

<400> 2545

cggtgctgtc	gaagacctgc	ctcccatcct	ggcagcccag	cctgagaccg	ttgcattgag	60
gcaggcagga	gcggcagggg	ggctgctctc	caggagccca	cctgccttga	gttctgccc	120
cactgggccc	cctcccctgc	tgggcaatcc	tgggaagggtc	tggaggttcc	tgtggacctc	180
aggggaagcca	ggggcagctg	tcaggcctga	ggaagacctg	tggagctcct	ctccagcctc	240
ctctttccct	cccctctggt	ctccattctc	ttcagctccc	tacatgggct	ggggaggaga	300
cacctgggtg	gcagagctca	ggcagagggt	tggatttcag	ctccctcact	tccggggctg	360
tgtggctttg	gcagatgtca	gacttctggt	cttgcttctc	cac		403

<210> 2546

<211> 404

<212> DNA

<213> Homo sapien

<400> 2546

ggcacgaggc	caagaggact	cagactgtgg	aacttccgtg	ccccccaccc	tcaccaaggt	60
taaatgcctc	cctctcggtt	catcctgaga	aagatgagtt	aatccttttt	ggagggtgaat	120
atttcaacgg	caaaaaaact	tttttgata	acgagctcta	tgtctacaat	accagaaaagg	180
acacctggac	caaagttgac	ataccagtc	cacctccgag	gcgctgtgct	caccacgcgg	240
gggtagtgcc	tcaaggtggc	ggacagctgt	gggtctttgg	aggggagttt	gcctctccca	300

acggagagca gatctaccac tacaaggatc tctgggtcct gcatttggcc accaagacct 360
 gggaacaagt caactggcca tgtccacgac caaatctgcc tttta 404

<210> 2547

<211> 402

<212> DNA

<213> Homo sapien

<400> 2547

ggcacgagat aattcagtgg catctcatgt agatgtacca ctttcttatt gcaactcaga 60
 gtgcaattgt gatgaaagtc agtgggaacc agtctgtggg aacaatggaa taacttacct 120
 gtcaccttgt ctagcaggat gcaaatcctc aagtgggtatt aaaaagcata cagtgtttta 180
 taactgtagt tgtgtggaag taactggtct ccagaacaga aattactcag cgcacttgtg 240
 tgaatgcccc agagataata cttgtacaag gaaatttttc atctatgttg caattcaagt 300
 cataaaactct ttgttctctg caacaggagg taccacattt atcttgttga ctgtgaagat 360
 tgctcaacct gaattgaaag cacttgcaat gggtttccag tc 402

<210> 2548

<211> 399

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (399)

<223> n = A,T,C or G

<400> 2548

cgttgctgtc ggtgtggggg tggagtggct cttgcccacg cctctcacct ctgccttcat 60
 ttgtgctgcc accctgcccc tccctcgctc tctctccccg cttcctcctc tctgtgtgcc 120
 tcagtctcct gccggaagaa atgggttgag cccgaaagga ggctgtctga ggaagggaga 180
 gggagggcct ggggtgtttn tnnnnntntt tnnntttnta cttttctttt ttttccttcc 240
 ttcccttatt tctttctctt tcttttccac tctccccctt ctccttactt ctatctcccc 300
 ctgtttcttc ttgcccttct taatttacct ttcattccct ctttttccac ttcaactcac 360
 ataattaatt ttctctttcc ataactttaa cccatgtat 399

<210> 2549

<211> 398

<212> DNA

<213> Homo sapien

<400> 2549

cgttgctgtc ggccatgttg cccagactgg ttttgaactc ctggcctcag gtgatctgcc 60
 caccttggcc tcccaaagtg ctgggattac aggtgtgagc caccgcacct ggccagaccg 120
 cttcacttgt aaaagaaatt aggctaataa gaagggtgag tttttgagaa atgaaattta 180
 acttttagcct tttcactagt aaatagtcac atctcathtt cttcctttgt aaaatggggt 240
 tactactggc cctacctcat attctatgag aatgagtttg tagctgtttc aaatcatgaa 300
 gtgcatagta tcacatgtga tagaatattt ataacttttt attagatgct taatgttcaa 360
 ttaagtaatt ttgatgtgaa aaataaaagt aataaaag 398

<210> 2550

<211> 401
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(401)
 <223> n = A,T,C or G

<400> 2550
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 gagatttaat gttgatagta aatgcatgta gaaatggatc catctggaaa catagagata 120
 ggaaaacatg attcttttac tttttttttt tttttttaag ggaaggggct aattttgtca 180
 cccaggctgg agggcagggg catgatctaa gctcatggaa agggcccttt cctaggctaa 240
 aagggccctt ccacctaaag ctcttgaaaa gtaagggata aatggaaaagg ttttttttta 300
 ttggatcttc ttattgggac acgggggacc ctgaaaaaaa ttttcggggc gggctggggg 360
 gttaacacct ggggccccac cacttgggga ggctggggcg n 401

<210> 2551
 <211> 395
 <212> DNA
 <213> Homo sapien

<400> 2551
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 acagtgagac ctcatcttct ggttctgttt gatgagtga cgaatgcaca tggcaggcgg 120
 tcatgtccct tgggcctgtg aggtgaggaa gggccctga gccctgtggg gatagagact 180
 ctccaccat tctgacatga tccgagttag caggcagcac tgtccagatg gaaatgggga 240
 tgggagacag accatctctc tcagcgggtc cagccatgag ccagcagact gtttccatt 300
 ggccccatc tttcagagtg ggatgatctt tctaacaaaag aaaccacacac aggaatttgg 360
 cgtgtgtgtg catgtgtgta ttaccttga ggatg 395

<210> 2552
 <211> 396
 <212> DNA
 <213> Homo sapien

<400> 2552
 gagtgataga acataccaac gttaccaaga aatttacaag ctgctggctt taagcttatg 60
 caagtggtag ttgggaaagt aggaggtgtg gaagagggtt tgcatttttgg attaattcat 120
 gcaaaatgaa ggaggaagcc tgggtctaaga agatactgtc tttcaataga aatgatttct 180
 aaactgctac agattaagaa tagataatct gattgctgtt gttttgtttg tttggaaaga 240
 aaaaaaatgt ctggcttctt ctactatttg ttttactac caaactgtgt tactaaattt 300
 cttgtcatcc ttgtatgtaa aatgggtgct gggggtggag ggggtataaga ggagggagag 360
 tcatagagag tgtgtatggc tttgatggca ctggtt 396

<210> 2553
 <211> 398
 <212> DNA
 <213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(398)

<223> n = A,T,C or G

<400> 2553

ggcacgaggg	aggctacaga	tgccccctgag	caagtcgagg	agattcttga	tcacagtga	60
cagcaggcac	gccctgctcg	tgtaaatgga	ggcaccgatg	aggagaatgg	tgaggagctg	120
cagcagggtta	ataatgagct	tcaactgggc	ctagacaagg	aaagaaagtc	tcaaggagct	180
ggcagtggac	aagatgaggc	tgatgtagac	cctcaaagac	caccaaggcc	agaagtaaaa	240
attaccagtc	cagaagaaaa	tgaaaaacaac	caacaaaaaca	aggactatgc	tgccgtggct	300
tanaacattt	ttaaaaagag	agtatatgga	tcgcaagaaa	aatgaagggt	tatcatactt	360
gaaagataag	cacatagtta	ttgctgaata	taatgtgg			398

<210> 2554

<211> 395

<212> DNA

<213> Homo sapien

<400> 2554

ctcaagtttc	ttgagttgct	gcttggttaac	acccagcttt	taactgagtg	tttgctcctg	60
atggttttagg	agattttcat	gttgatcac	actgtcaagt	tttattttgt	ctttttatcc	120
ctccgtggat	gtgagtttga	aacaagcacg	gtacagtaat	cctgcctgat	agagtagtct	180
ggaatgagaa	ttactttttg	ggtgagagag	ttctccattt	taatgtttct	aaagtttttc	240
atatgaactt	ggcattggaa	aaggggaggt	aagaaaaagg	acgtttacta	aaagcagtg	300
ctactcttcc	cctttgtgag	tgtttattca	tggttaata	aaaaagagaa	ggactcttgg	360
gttttgtgtt	gccatgttaa	gcatggagag	ggatg			395

<210> 2555

<211> 398

<212> DNA

<213> Homo sapien

<400> 2555

ggcacgagcc	aacccccgaa	cccctgggtg	gtacgggtca	ggcagacaca	tgtggctggg	60
cggctgggct	ggggagggga	cagccgccac	ctcagggtta	tatttccctc	tccccctccc	120
tccccgccaa	gagctctgcc	aggggcgggc	aaaaaaaaag	aaaaagaaaa	gaaaaaaaaa	180
aggaaccaac	ccccctctac	atattatgga	aagaaaaat	tttggccgat	cctaattctt	240
ttataattat	gcgggggaaa	agtaaaccac	ttaaacgatt	ccagttggaa	acaaaaaaaa	300
aaccctttta	aactataggg	ggccgggttc	cgtaaaccac	aactggataa	aaaccttgga	360
ggagttgggc	caacccccac	ctaaatggcg	gggaaaaa			398

<210> 2556

<211> 398

<212> DNA

<213> Homo sapien

<400> 2556

ggcacgagcc	accatgcccc	gccaatccat	gaaatcttaa	tggtcaact	aaacaaacat	60
ttagttctca	ttcacactac	atggccgtgg	tgaggaagac	cactctgctc	catattgtca	120
ctcagagatc	tagacagatg	gagtcctttac	tatcttatga	tggtgctgtc	tcaacacaca	180

gcttctagag	ttcctgtggt	gggataaggt	gtaaaaaact	taaactttct	cttaaagtct	240
ttggccctgg	ctagcatcag	tcctatgaat	cttcctcagt	gctagggagt	tgggatgtgc	300
agtcctccct	gatgcccaaa	cagaacaggc	aaaccagata	ttactgagtg	caagaaatcc	360
ctactatgtg	tactgaggaa	caggattcaa	gctgtatt			398

<210> 2557

<211> 401

<212> DNA

<213> Homo sapien

<400> 2557

cggtgctgtc	gggtattatc	ttttaagttg	tcagcaagtt	accaagggtat	tcattaaaga	60
acttgaata	tcaaattact	atattatcat	aacaattgat	ttgatgctaa	taataatttt	120
ctttaaactc	taccattcat	tatgtggtaa	ctgtattgaa	cttactttat	ttggatttta	180
ttttaatgtg	actagatgtc	accacttcaa	aaaatcaatt	tgctcttaga	acctgggtga	240
aaataccagg	aaactgttac	agactccatt	tcaaaaaaaaa	aaaaaaaaaa	aaaaaacccc	300
ttggagcctg	gggggggggtc	caaaaaaaaaac	ccccattttg	ctgaaagggg	ttttttaaaa	360
acttttccca	cgggtttttt	ggggaaaagc	cacttaatta	a		401

<210> 2558

<211> 400

<212> DNA

<213> Homo sapien

<400> 2558

ggcacgagac	ctggccctct	gggaagtcta	ccagtggcaa	aaaggacaga	tgcagaagca	60
gaacggaggg	aaggccgtgg	acgagcggca	gctgttccac	ggcaccagcg	ccatttttgt	120
ggacgccatc	tgccagcaga	actttgactg	gcgggtctgt	ggtgttcattg	gcacttccta	180
cggcaagggg	agctactttg	cccagatgac	tgcatattcc	caccactaca	gcaaatccga	240
cacgcagacc	cacacgatgt	tcctggcccc	ggtgctgggtg	ggcgagttcg	tcagggggcaa	300
tgcttccttt	gtccgtccgc	cggccaagga	gggctggagc	aacgccttct	atgatagctg	360
cgtgaacagt	gtgtccgacc	cctccatctt	tgtgatcttt			400

<210> 2559

<211> 400

<212> DNA

<213> Homo sapien

<400> 2559

cgttgctgtc	gataattttt	tattatttta	gggtagaatt	gacatcttta	taacaaatga	60
gtgtttatc	ccctttgttt	aagtaatctg	ttattttctgt	cagtaggttt	ttatgttttc	120
ttcatacagg	tcttatacag	ttctagtgtg	ttatatctac	agattttatc	ttttttgttg	180
ctgctagtaa	atgtaagtgg	gttccttttt	tttttacatt	gtattttcatt	ggccccccaa	240
cacccctccc	acatttgatt	gatagacttc	ttgatccctt	ttgattcctc	ttccctaccc	300
ccaagcagg	atttgaatat	taattttttc	attgagatat	aattcacata	ccataaaaatc	360
aatcctttta	aagtatgtaa	ttcagtaggt	tttaatatag			400

<210> 2560

<211> 396

<212> DNA

<213> Homo sapien

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<400> 2560
cgctgctgtc gatggcggcc tcctggtcgc tcttggttac cctgcgcccc ttagcacaga      60
gcccgcctgag agggagatgt gttgggtgcg gggcctgggc cgccgctctc gctcctctgg      120
ccaccgcccc tgggaagccc ttttggaag cctatacggc tcagacatcc gagagcatga      180
ccccaactgc cacttcagag acttatttga aagctttggc cgattgccat ggacctctgg      240
accactatga ttttctgata aaagctcatg agctaaagga tgatgaacat caaagaagag      300
tcatacagtg tttgcagaaa ttacacgagg accttaaagg atacaatata gaggcagaag      360
gccttttttc acagcttttt tcaaggagca tacctg      396

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<210> 2561

<211> 397

<212> DNA

<213> Homo sapien

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<400> 2561
cgttgctgtc ggcgccttgg gccttatgac ccaacttctc tcaccgccat ggagttcgac      60
ctgggagcag cctggagacc cacctcccag aagcccgggtg tgggggcggg ccacggggga      120
gatcccaagc tcagtcccca caaagtccag ggccggctcg aggcaggggc aggtccgggt      180
ccaaaggtaa gtcgcctcat caccggctgc ggagagggcg gaaggctggg gttgcccctg      240
acccaggggt cctgccttag gcctccaact tcaggggggt gggtaagggg cgccgcctca      300
ctgccacacc ttcattccagc aaggacacca cagctcttcc gactccagca gcagctccag      360
cgattcggac acggatgtga aggtaagggg ctctcgc      397

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<210> 2562

<211> 401

<212> DNA

<213> Homo sapien

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<400> 2562
ggcacgaggg acctcagtgg aaacacgccc ctcatattatg cctgctccgg tggccatcac      60
gagcttggtg cactgctgct acagcacggg gcctccatta acgcttctaa caataagggc      120
aacacagcgc tgcacgaggg tgtgattgaa aagcacgtct tcgtggtaga gctgcttctg      180
ctccacggag cgtcagttca ggtgctgaac aagcggcagc gcacggctgt agactgtgct      240
gaacagaatt caaaaaataat ggaattgctt caggtggtac caagctgtgt tgcttcatta      300
gatgatgtgg ctgaaactga ccgcaaggag tatgtcactg ttaagatcag gaaaaaatgg      360
aactcaaaac tgtatgatct accagatgag cctttttacaa g      401

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<210> 2563

<211> 391

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(391)

<223> n = A,T,C or G

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<400> 2563
ggcacgaggt taatacaagt aaaatactta agacagtaca tggcacatag taaatactgt      60
ttaaatatta actgcaatta ttattattat catcattatt gcagtctgag atatctggcc      120

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tgaatattatc	aagttaggaa	gctctgtcat	tgcacagaaa	taccttggtc	tcaggagagt	180
cactaaccga	agtgttctg	taaacaagg	acataagcag	agaaggggta	tgtaagtaca	240
gaaaactcat	gattacctgg	ggaatagtta	aatagatttt	aggtattagn	tggttttttt	300
ttcctctctc	tctctttggg	ggaatttttc	tgtttactga	gtcattcttc	attaaggggt	360
gaggtgtcaa	aaattagaca	aaacaaacta	g			391

<210> 2564

<211> 394

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(394)

<223> n = A,T,C or G

<400> 2564

cgttgctgtc	ggcaatggcg	tgatctctgc	tcaccgcaac	ctccgacctc	tgggttcaag	60
agattctcct	gcctccgect	cccaagtagc	tgggattaca	ggcatgcgcc	accacgcctg	120
gctaattttg	tatttttagt	agagatgggg	tttctccatg	ttggtcaggc	tggtctcaaa	180
ctcctaacct	caggtgatct	gcccacctcg	gcctcccaaa	gtgctgggat	tataggcgtg	240
agccaccgcg	ccggctgcct	taaatctatt	tatctgacgt	tcccaactag	gaaatttttt	300
gtccaaatga	gtatatgtga	ttttaaagta	gaaatcgaag	gtaaaatagg	atttatctca	360
gntcctatct	cccttcaatc	tattcttcat	attg			394

<210> 2565

<211> 393

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 2565

tacggctgcg	agaagacgac	agaaggggta	atcccagcac	tttgggaggc	cgaggcgggt	60
ggatcacctg	agatagggag	ttcgacacca	gcctgaccaa	catggagaaa	tctcgtctct	120
actaaaaata	cacaattatc	caggtgtagt	ggcgcagcc	tataatccca	gctacttagg	180
aggctgaggc	aggagaatca	cttgaaccta	ggaggcagag	gttgcagtaa	gccgagattg	240
tgccattgca	ctccagcctg	ggcaacaaga	gcgaaactcc	atctcaaaaa	caaacaaaca	300
aaaaaattgc	aaaatgtagt	caccctgtta	tgtttcatga	ctctgaaagt	gttatgtggt	360
ttttaacag	taaacagtca	cttcaatagt	ttt			393

<210> 2566

<211> 394

<212> DNA

<213> Homo sapien

<400> 2566

atccgttgct	gtcgattcag	aaactgattt	tactttttatt	gcagtacaaa	ttatattatt	60
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aagcaggggtt	cttggttcagc	catgaaatgc	agatgggctg	tttaatatgc	acatacatga	120
cattttttat	taatttttgg	ggtcattaca	atgagttgaa	tttaaaaagt	gggttaaatgc	180
tttataatat	tgtattttga	acaacaccac	tcttattcat	tttaaaaatg	cccactgtga	240
cagaaatatt	acaatttcat	gtttagttaa	gcaaaaataag	caaaactggg	agaatttaag	300
gtggcatctt	atttactgct	ttccagtagg	attataatta	aaaatttact	gaatgaagtg	360
gtataatatt	gataaattaa	ctgattttct	ttct			394

<210> 2567

<211> 391

<212> DNA

<213> Homo sapien

<400> 2567

ctgagggtcac	ctcctggagt	gaggggtctgg	agtgaagccc	agccccgccag	ggtcattctgg	60
gccacacagac	cacaccccgg	taccgggttg	caaggggtctc	ctgccgggag	tttccaacta	120
gtcactgggtg	tggctttttc	tttcatgcag	cgagtctgac	agtgacctaa	agcctgtggg	180
ggcgggaatt	cagcatctcc	agaagctgtc	ccaagagcta	gatgaagcca	ttatggcgga	240
agagagtggg	gacatcgtct	ctctcattca	tgactgagga	agtgcctgca	ggaaacaagc	300
cctgtctgac	cgccaaggct	tcataactcaa	ggatgtctat	gcttccccgt	gagcttcctg	360
gaaaaaaccc	ccgggagtcg	tcagtacccc	t			391

<210> 2568

<211> 392

<212> DNA

<213> Homo sapien

<400> 2568

ggcacgagcc	aacccccgaa	cccctgggtg	gtacgggtca	ggcagacaca	tgtggctggg	60
cggctgggct	ggggagggga	cagccgccac	ctcagggtta	tatttccctc	tccccttccc	120
tccccgccaa	gagctctgcc	aggggcgggc	aaaaaaaaagt	aaaaaagaaaa	gaaaaaaaaa	180
aagaaccaac	ccacctctac	atattatgga	aagaaaaatat	tttggccgat	ccttattctt	240
ttataattat	gcgggggaaa	agtagacca	ttaaacgatt	ccagtgggaa	acaaaaaaaa	300
aaccctctaa	acctataggg	agccgtttta	cgtaaaccaca	aactggataa	aatccttgga	360
ggagttgggc	caacccccac	ctaaaaggcg	gg			392

<210> 2569

<211> 393

<212> DNA

<213> Homo sapien

<400> 2569

ctcgggaggg	tgaggcggca	gaatcacttg	aatcatagag	gtggaggttg	cagtgaagtg	60
agatcgcgcc	actgcactcc	agcctgggca	acagagcaag	attctgtctc	aaaaaaaaac	120
aaaacaaaaac	aaccccccaa	aaaaacccaa	ttaacattct	ttcaccccg	atttcctaga	180
ctttattttta	gctataacaa	gcaaaacacc	tctttccatc	cttctaaaag	cgtgttcctg	240
aaacctcact	tggagagttt	tacggaaatg	cagcgacagg	actggaaata	atgacagcaa	300
agccaaacaa	gttgcaagca	aaataaaaaga	acaaaccttg	aacgacaaaag	ttttccccc	360
cgacctgacc	gtgtcgctat	aaagacggga	ggg			393

<210> 2570

<211> 393

<212> DNA

<213> Homo sapien

<400> 2570

ggcacgagtc	tagatcacat	tttatatatg	ctgcatgcc	aaaaaaaaa	aaaaaaaaacc	60
gccttttttg	ggggggggg	gaaaaaaaa	caaattttcc	cccttcctag	aaaagtcaaa	120
acaaggtttt	cctggaaacc	ttttcaagaa	aaagtaaacc	agggttggtt	ttgaaccttt	180
ggccattttt	tttttttaa	aaaagcaaaa	ttccagcccc	aatccttttg	aagggttttg	240
aaacccccaa	acccccggag	aagccctcca	ttttggaagg	gggaatttgg	agaaaaacct	300
gtttttcccc	gaatttgccc	aaataaagg	agggtttttt	caattcgggc	cctaaaaaca	360
agggccccc	ttgtttctaa	cccataacaa	ttt			393

<210> 2571

<211> 391

<212> DNA

<213> Homo sapien

<400> 2571

ggcacgaggc	cagggtcagc	gcacgccaca	gggccagttt	tggctggaga	ggcctctgag	60
aatttgtgac	tgaagtccaa	gtctgtggca	tcagggtctg	cagagcccag	atgcgggaga	120
ggtaggaatg	tacctggtga	tatgaggcaa	ggacagggga	gctggggcag	gtgatgcagg	180
cagggtggcat	gaggagctgt	gctgggtggg	tgcggtctga	gtggctcatg	ttgggtaaaag	240
ggccagagac	ctgggtctac	agggcagaca	tcaaggctga	gccagtcaga	cagtgtttgt	300
caacactggg	ctctcaccag	gctccctcag	gccgagggtga	gcagccagg	atctgtcatg	360
tgtgagggaa	gtgtctgttc	aggttaggtg	g			391

<210> 2572

<211> 394

<212> DNA

<213> Homo sapien

<400> 2572

cgttgctgtc	gtaaaaacat	ctcttaaaat	aagaggagca	aatctatta	aaacctattc	60
tcttgcaaag	gaggcagaga	ctttctctct	ctcttttttt	tttttggggg	ccctaaaaat	120
aaaccagggc	ccctcttttt	aaatattccg	ggtaccccaa	gcggggccagg	gggttttggg	180
gtttgccctt	tggggggcag	gcttaataaa	aacaaaccct	atttttggcc	ccccaaaaaa	240
ccccgcccta	aaaaaattgt	ttgagggggg	aaaggcccaa	aaaggcctgg	tggtttatct	300
tccatagacg	ggaaagccag	ccccttcccc	ttgtaaaaag	ggggagccaa	aatttcctga	360
cctcttgggg	gttaaaaaaa	ctcttacggt	gggg			394

<210> 2573

<211> 391

<212> DNA

<213> Homo sapien

<400> 2573

cgttgctgtc	gaatacctgc	ctcccatcct	ggcagcccag	cctgagaccg	ttgcattgag	60
gcaggcagga	gcggcagggt	ggctgctctc	caggagccca	cctgccttga	gttcctgccc	120
cactgggccc	cctccctctg	tgggcaatcc	tgggaagggt	tggaggttcc	tgtggacctc	180
agggagacca	ggggcagctg	tcaggcctga	ggaagacctg	tggagctcct	ctccagcctc	240
ctctttccct	cccctctggt	ctccattctc	ttcagctccc	tacatgggct	ggggaggaga	300

cacctgggtgg gcagagctca ggcagaggtt tggatttcag ctccctcact tccggggctg 360
tgtggctttg gcagatgtca gacttctggt g 391

<210> 2574
<211> 391
<212> DNA
<213> Homo sapien

<400> 2574
ctcaggccca ttagtgatga ctctgaaagc attgttgaaa gtgtttcaag gagaaaagtt 60
aaatcagcag agaaaataag tacacaacgt catgagggtta ttcgaaccac agcgtcttca 120
gaactttcag agaaaccagc tgagtctgtc acttctaaaa agacaggacc ctttagtgcc 180
cagccctctg ttgaaaaaga gaacttggca atagaaagtc aatcgaaaac tcagaaaaaa 240
gggaagatat ctcatgacaa aaggaagaaa tcaagaagta aagccatagg ctgagatact 300
tctgacattg tgcacatttg gtgtccagaa ggaatgaaaa ccagtgcacat caaggagttg 360
aatattggtt tgccctgaatt tgagaaaacc g 391

<210> 2575
<211> 392
<212> DNA
<213> Homo sapien

<400> 2575
ggcacgaggg gcggcgaggc cgggcgcgac cgccgggtct gtcccgagg aggaggagta 60
ccgctggctg ctgcacgacg aggtgcacgc tgtgttgaag cagctgcagg acatcctcaa 120
ggaggcctct ctgcgcttca ctctgccggg ctccggcact gagggggccc ccaagcaaga 180
gaacttcac ctaggcagct gtggcacaga ccagggtgaag ggtgtgctga ctctgcaggg 240
ggatgccctc agccaggcgg atgtgaacct gaagatgcc cggaaacaacc agctgctgca 300
cttcgccttc cgggaggaca agcagaggaa gctgcagcag atccaggatg ccagaaacca 360
tgtgagccaa gccatttacc tgcttaccag cg 392

<210> 2576
<211> 391
<212> DNA
<213> Homo sapien

<400> 2576
ggcacgagag atttaaattc ttagacttat ggaataaatt tttgttgga catcataaac 60
gatcaatacc aaaagacact tggaatcttc ttttagactt cagtacgatg attgcagatg 120
acatgtctaa ttatgatgaa gaaggagcat ggctgttct tattgatgac tttgtggaat 180
ttgcacgccc tcaaatgtct gggacaaaaa gtacaacagt gtagcactaa aggaaccttc 240
tagaatgtac atagtctgta caataaatac aacagaaaat tgcacagtca atttctgctg 300
gctggactga actgaagatc aatcctcaca attcagactg agggttgaga caaaacttta 360
aggatacatc ttggaccata tcgtatttca t 391

<210> 2577
<211> 392
<212> DNA
<213> Homo sapien

<400> 2577

ggcacgaggg	actaccgaga	ttggagcatg	aatctttacc	acgactgcag	tgcccttgga	60
cccctggcct	gtgggggtgcc	ctacacctgc	tgcacagga	acacgacaga	agttgtcaac	120
accatgtgtg	gctacaaaac	tatcgacaag	gagcgtttca	gtgtgcagga	tgtcatctac	180
gtgcggggct	gcaccaacgc	cgagatcatc	tggttcatgg	acaactacac	catcatggcg	240
ggcatcctcc	tgggcatcct	gcttccccag	ttcctggggg	tgctgctgac	gctgctgtac	300
atcacccggg	tggaggacat	catcatggag	cactctgtca	ctgatgggct	cctggggccc	360
ggagccaagc	ccagcgtgga	ggcggtaggc	at			392

<210> 2578

<211> 392

<212> DNA

<213> Homo sapien

<400> 2578

ggcacgaggg	ttgatatgtc	agatctctct	ccagaagagc	aatggagggt	cgagcacgca	60
cgcattgcatt	ccaagcaccg	tggccatgaa	gctatgcatt	ctgaaatggg	cctcatcctc	120
atcgcaacct	tgggtggtggc	ccagctgctc	ctgggtgcagt	ggaagcagag	gcacccacgc	180
tctacaata	tggtgaccct	ctttcagatg	tgggtgtgtc	ccctctatct	cacagtgaag	240
ctgcactggg	ggaggttcct	agtgatctgg	atcttgttct	ctgctgtcac	agcctttgtt	300
accttccgag	ccacccgaaa	acctctagta	cagacaaccc	caagggtggg	ttataagtgg	360
gtcctgctaa	tctataaaat	cagctatgcc	ag			392

<210> 2579

<211> 384

<212> DNA

<213> Homo sapien

<400> 2579

gcacgagaca	gtttatatgt	acctataacc	aagaggcagg	ttcattatgt	ttaattgcat	60
taaaagataa	aagaagtaga	gaaattgaaa	ggaaaaagag	cccagagatt	gttacctttt	120
tatcaagcaa	cagcatgcc	caaactttgc	ataaataaaa	aataataacc	tgagcctttc	180
atcttgggaa	tctaataaaa	taaatgtgtg	ctgttttccc	cattagccct	caccttagcc	240
agcccttaca	ttgtggacag	aggagtgtg	tcattatttg	tgagctagat	gactgggtca	300
gtagggtgcc	tgtggttcct	aagaagattg	taggtcttgc	cattgcgtct	tgtgtctctt	360
gctgtacagg	tggaaacatc	tgtg				384

<210> 2580

<211> 385

<212> DNA

<213> Homo sapien

<400> 2580

gttgctgtcg	ggtttggcct	gtgggttttt	aagtggttat	tgaattggta	tcaggagatc	60
ctgaggctgg	taggggaagg	tgattctttc	taagttacct	ctgtattttt	caagttttct	120
ataaggaata	cacatacacc	cacatgcaca	caccatagtt	tttatacaaa	cagcaataac	180
aaaacaaaaa	agatgcccct	ttttttgtag	ggataagaaa	tacatttggt	ttatacttct	240
atgctatatt	ttgctattca	aaatttagtg	ggcattactt	aacattgttt	ctaattattt	300
tgtggctgct	gtatgtttta	tgtgttggga	gccatttgta	ttaggccgtt	cttggattgc	360
tataaagaaa	tacctgagac	tgggt				385

<210> 2581

<211> 388
 <212> DNA
 <213> Homo sapien

<400> 2581
 cggttgctgctc ggtgatctgg cagtacatat attcctagta aattcaatca ttcattcgtt 60
 cattcatgca gcatgaattc atatttcccg agcttatggg atgcacaata ctaggaaaag 120
 ttcaaccatg agcaacattc cttacatctt aatggaggga aacagagctt aaacaaatga 180
 ctacagattt ggaaggaagc agtgctgtaa ggaaacctga agtagtgtaa agagagaaaag 240
 cttagtggga aaggcccttt cttttcattt ggtgtcttgt tttctactct tgctcatgaa 300
 atgttctgag tagcttcaaa tatgttttaa attgaattgt gtagagtcca gtacctctga 360
 gaggtaactg agtgcagcta ttctaggg 388

<210> 2582
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 2582
 ggcacgagga tacaagtgtc tccttgctcat aaccaagag caaaagcagc cttcacttac 60
 tgtcccatga aacaaaaatt ggatcttttc taagcaacag aacttttagat ggcaaagaca 120
 aagctggcct ttgtccagat gaagatgata tggaaggaga ttctttcttt gatgatccca 180
 ttcttaagcc agagaaaact tacggtttga ggaaggaacc taggaagcaa gcaggaaagtc 240
 tggcctcgct ctcgatgca ccccccttaa aaagtggact cagctccctg gcgggagccc 300
 cttctttaa agactctgag agtaaaagg gaaatacagt tttgaaagat ctgaaattga 360
 tcagtataa aattggatca cttg 384

<210> 2583
 <211> 156
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 2583
 nnctctgatt tgagaaaagg gaggagggga agatagtctg aatggaaatc tgaaatacgg 60
 aatgttttag agaaatatgt cacttgcata tagaatgttt taattgaggt ataaaataat 120
 gagacaaagt gaaaaagaaa ttatattcag ataggn 156

<210> 2584
 <211> 389
 <212> DNA
 <213> Homo sapien

<400> 2584
 cgttgctgctc ggaagccggg gccggggctg cggggcgagt tgtcggccct gggccgggag 60
 ctggagtccc agactcatag gtcccgcccc agccccgaa gagccgcctc agccgggggg 120
 agttgctcgg actcaaactg ccagtcctcg tgcgaccgcg ctgggtcggg agtgagcagg 180

ctgaggccac	catggagcag	tgtgctgctg	tggagagaga	gctggacaag	gtcctgcaga	240
agttcctgac	ctacgggcag	cactgtgagc	ggagcctgga	ggagctgctg	cactacgtgg	300
gccagctgctg	ggctgagctg	gccagcgcag	ccctccaggg	gacccctctc	tcagccaccc	360
tctctctggt	gatgtcacag	tgctgccgg				389

<210> 2585

<211> 386

<212> DNA

<213> Homo sapien

<400> 2585

cgttgctgtc	gcttgtttca	aaattgcacc	tgggcatttt	aaagtaaata	ggatgcaa	60
ccttagttgg	cctcttgtgt	acattaactt	cagagtgaag	aatgaatatg	taagacagt	120
atgggggatg	gggagttgag	caaggaaaat	aatttgcata	atgggtgttg	ctccctggtg	180
aaactgaaac	ccagcctgtg	tgggtggggc	cttgtttcca	aacgtcagcg	ctgctgcca	240
cgaaggcctg	caccaacgca	cggtgccctc	cgggcgcgcc	acagaggccg	gcgtctggcc	300
aggagcaggg	gctggggaca	gcaagtgtga	aaccagctga	agcacctgca	gctcaagcgg	360
gctgcaggct	ccctgctctc	cccctg				386

<210> 2586

<211> 385

<212> DNA

<213> Homo sapien

<400> 2586

cgttgctgtc	gctttccaaa	tactgctatt	ttcttcaagg	tgtttttttt	ttgacatcta	60
ctttggaagt	ttgattatat	cctgaaacct	aaaatcacat	ccttattgat	tctgagctctg	120
ctaaaagtta	tttcaactaa	tttgaatatt	atcgcaaaaa	gtttacttga	gaaaacaagt	180
tgaaattgaa	attttgactt	gctaaaatta	cattttttta	acggtagttt	tgaatgacat	240
tctaaaggta	atttagttgg	actttgtgtt	tatatggcca	atttggggaa	tggccctgta	300
tgttttttgt	aatgccataa	tgggagctgc	agtgttgtgc	aggtatcaaa	aagcttccca	360
gttttcatgt	tagtaaactt	ggaag				385

<210> 2587

<211> 387

<212> DNA

<213> Homo sapien

<400> 2587

ggctcgagac	ctggcctctc	tgggaaggct	accagtggca	aaaaggacag	atgcaggggc	60
agagcggagg	gaaggccgtg	gacgagcggc	agctgttcca	cggcaccagc	gccatttttg	120
tggacgccat	ctgccagcag	aactttgact	ggcgggtctg	tgggtgttc	ggcacttctt	180
acggcaaggg	gagctacttt	gcccagatg	ctgcatattc	ccaccactac	agcaaatccg	240
acacgcagac	ccacacgatg	ttcctggccc	gggtgctggt	gggcgagttc	gtcaggggca	300
atgcctcctt	tgtccgtccg	ccggccaagg	agggtggag	caacgccttc	tatgatagct	360
gcgtgaacag	tgtgtccgac	ccctcca				387

<210> 2588

<211> 384

<212> DNA

<213> Homo sapien

<400> 2588

ggcacgaggg	actccgaaag	cctgcgcat	aaggaggtg	agcatatgac	ccgtcacctg	60
gaggagagt	agaaggccat	gcaggagcg	gtgcagaggc	tggaggcggc	gcggctgtcc	120
ctggaggagg	agctgagccg	agtgaagca	gcggcactca	gcgagcgtg	ccaggctgag	180
gaggagctga	tcaaggccaa	gagccaggcc	cgcctggagg	agcaacagcg	cctggctcac	240
ctggaggaca	agctgagact	gctggcgag	gcacgggacg	aggcgaggg	cgcttgccca	300
cagcagaagc	aggtggtggc	cgaggcccag	acccgggtca	gccagctggg	cctgcaagtt	360
gagggcctgc	ggcggcgcc	ggaa				384

<210> 2589

<211> 389

<212> DNA

<213> Homo sapien

<400> 2589

ggcacgaggg	caagtgggtga	agatgagatg	ataacaatgg	ataatgcaga	agaatatgtg	60
gatttgatgt	ttgactttttg	tatgcatacg	ggtattcaga	aacaaatgga	agccttttaga	120
gatgggttta	ataaagtttt	tccaatggag	aaattaagtt	ccttcagcca	tgaagaagtc	180
caaagatgtc	tttgtggaaa	ccagtcacca	tcctgggcag	cagaggatat	tatcaattac	240
actgaaccta	agctgggtta	tacacgtgac	agccctggtt	tcctgaggtt	tgtgaggggt	300
ttatgtggca	tgtcttctga	tgaaggaaa	gcattcttgc	agtttaccac	tgggtgttca	360
actctacccc	caggtggact	ggctaacct				389

<210> 2590

<211> 379

<212> DNA

<213> Homo sapien

<400> 2590

ggcacgaggt	tcataccaac	atattattaag	acttattttt	cagtggtcct	caatcacaga	60
acaattaagc	aaccatatac	aatttaacat	acctgaatat	gagaaacaca	tttaaattca	120
ttgttggtt	aaacacattt	caaaatggaa	agacaaatat	tttatttact	gacctaaaac	180
aacactacct	atgaaattca	tgactattg	ctttcagatt	acttacagga	ttatatcaat	240
ttaacatttc	tttgtgagat	taagcatttg	aatccatag	tcagagaact	attttaaata	300
tgagccacta	attaacaaaa	tatacatata	gcttctacat	ttccatcagg	ttatgtattt	360
tctagagact	acatgaccc					379

<210> 2591

<211> 379

<212> DNA

<213> Homo sapien

<400> 2591

cggtgctgtc	ggctagagt	aatgagcctc	aagaaaatga	cccaaggagt	tgactcagga	60
tggtttacag	actgatttag	aaaaccagaa	cggatttcac	ttctaattga	gggggcccaga	120
gatgggaaaa	tttcttggtc	agtccgggga	aacacaccta	ggtgctggtg	atgggcttat	180
gaagggaagc	aagcacggct	gctcactggc	ccccactttg	tttcttggtg	aattcacagg	240
ggaattccca	gtactgtcat	ggagcagagc	aggcagtggg	tgctgatgtg	tgtgcatgag	300
ctgtatgtac	acatgcatat	atctgttaca	gaagatactc	ctggcagtga	ggtgctaagt	360
catcactgag	gctgtgtgc					379

<210> 2592
 <211> 380
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(380)
 <223> n = A,T,C or G

<400> 2592
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 cagattgctt tgtaaacctt cttaggcctt cccccaccc ctttgcccca gtgctttaag 120
 cccttctttg tcttcttgct gtttctttta ttcttcacgc ctgcggggcg ggggcggggt 180
 ggcgcccagg acgactcccc gggctcagct tggctgcctg cctccttctg taagtgcctt 240
 ttttttcttc acctgggacc ctctanaggt tggaaagaga agagaggctg ggagcggatg 300
 gaaagcatga ctgcatctgg agcccctggg gggagtgggg aagagggagt ggaaggacag 360
 tggctgaggg gcttcctgtt 380

<210> 2593
 <211> 381
 <212> DNA
 <213> Homo sapien

<400> 2593
 cgttgctgac ggttttaaa agatgagctg agaaagaaat gtggaatgga gtatatattga 60
 ggaggacaaa acataacttc acttttgaac agaaatcact ctagcttgcc agcatgggat 120
 gtaaaccaag agagtagaaa tatacccac ttattttaag ttgggtttat ggcacgctc 180
 atatatgtaa aagcactaca aactctttaa agaaaattgg gaaactacag agaagtcaaa 240
 gaaaaaaaa agtaacccat atttctattg cccaggcata atccttggtt aaattttggg 300
 ttggcctcct ctttttcccc caatatagtt gcaataaaat gatgtctttc agagttgaca 360
 ttaatcctgg agcttgaatg g 381

<210> 2594
 <211> 380
 <212> DNA
 <213> Homo sapien

<400> 2594
 ggcacgagcc aagactcctg tatgtaatgt agcagctacc tcagctgggc cctgtggtga 60
 aggaacagag ctgacatctg agcctcaaaa atccagccca tttgtaacta gagtaccaga 120
 atatcctccg cattctgaaa acattcagta ttttcaagat ccaaggactc agataccctt 180
 tgaagtccca cagtacccac agacaggata ctatccacca ccttctcctc tgttcagtgt 240
 aaactttctt gcggatttct cagagagtgt gagtgggtaca aactttgaag aagatcatct 300
 ttcccattat tctccctggt cttggggcac catcggtcc tgtataaatg ccattgattc 360
 agagcccaaa gatgtcattg 380

<210> 2595
 <211> 382
 <212> DNA

<213> Homo sapien

<400> 2595

cgttgctgtc	gctgctgaac	tggtttttgt	gcttcctcta	agcttttctt	ttgggtacaa	60
agtttcttaa	tttttcattt	gagatttaat	ctctgcttaa	tttatttttt	taaaaatata	120
atgggtcaact	aaatgtttcc	ttatgaaagt	gaaattggga	aaagtcaaga	taaatcctag	180
aaactatttt	gttttaagca	aaatgagggc	ttaaaacttg	caacttcttt	tccatttgaa	240
atttggttg	ctgtggtgct	ttgcaaactt	ttgggtgtga	tttatcctgt	cattcataaa	300
ttatggcaca	tatgctggag	ccaaatctgc	cattaaataa	attctcacat	aattccctac	360
attcatttat	ttcactaatc	at				382

<210> 2596

<211> 379

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(379)

<223> n = A,T,C or G

<400> 2596

ctccttcaga	acccccacca	gtgttggaga	agcttcggtc	cattaataac	tataacccca	60
aagattttga	ctggaatctg	aaacatggcc	gggttttcat	cattaagagc	tactctgagg	120
acgatattca	ccgttccatt	aagtataata	tttgggtgag	cacagagcat	ggtaacaaga	180
gactggatgc	tgcttatcgt	tccatgaacg	ggaaaggccc	cgtttactta	cttttcagt	240
tcaacggcag	tggacacttc	tgtggcggtg	cagaaatgaa	atctgctgtg	gactacaaca	300
catgtgcagg	tgtgtggtcc	caggacaaat	ggaagggtcg	ttttgatgtc	aggtggattt	360
ttgtgaagga	cgttcccan					379

<210> 2597

<211> 375

<212> DNA

<213> Homo sapien

<400> 2597

cgttgctgtc	ggtggtgatc	tccttatcta	atggatgaat	gtcagttatc	tccagctttt	60
gcaattatag	cagtaaatgt	agcaaataca	aagccatatt	gggcttggtg	aaaatatctg	120
taagataaat	tccttgaaat	taaaatgatt	acgttctctt	ctgtggatct	tagctggcac	180
attcccccta	cacacatttt	ggcatccttg	ccttctttct	gcctctcatt	ttctgttcct	240
actacttaat	gccattttgc	ttccatcttc	tgtcactact	gcctctactt	ccacttaagc	300
tgcagaattg	aggggtgggc	ttagacctgg	tatgtggagg	agagaatgat	taattatacc	360
tggttcatgc	tttag					375

<210> 2598

<211> 378

<212> DNA

<213> Homo sapien

<400> 2598

cgttgctgtc	gctggagtct	cttaaaattc	acacttgtag	cagagccagg	catcacagag	60
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cacatactaa	cttttcagca	tctggattcc	ttatatactt	tttctctcac	catgaacagt	120
taagtgtagc	agttcaaagt	tccagctctg	gagggcagagt	cctgactctg	ttaggcaggt	180
tcttaatctc	aactataaaa	tgaagttaca	aacattgagt	gcctcatagg	gccagtgtta	240
agattaaatg	aaataaatat	aaaccatttg	gcatggttcc	tggagcgtgg	ttaagtgtc	300
agtacgatga	tgtccctgag	atcagagatg	tgcccttagat	atctttttga	ttcagtagca	360
tcacataacc	tcagagag					378

<210> 2599

<211> 374

<212> DNA

<213> Homo sapien

<400> 2599

cggtgctgtc	gcctagttag	tgttttaaca	tgaatgtcta	attcatggcc	aatcttattt	60
catctgtact	tcttccacat	ccccattctt	acaaaattat	ttttatttaa	aagaaacatt	120
tttaactttt	tatttttaaa	atttgaaaat	taatgattaa	aaatgttact	tttataaaag	180
tgtaaatatt	cagtatttaa	aagataattt	taaaaataac	cacaatacaa	ttttcctacc	240
taaaaaattt	taatgagttt	cttagcaaat	atccaagcca	tttttgtatt	tctctgatag	300
ttttataaat	ctgtatgtat	gtgttttagtg	acttttttga	attaagattg	aaataagatt	360
cataaaatca	ctat					374

<210> 2600

<211> 375

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(375)

<223> n = A,T,C or G

<400> 2600

ggcacgaggg	gaggccccca	ggaggggtctc	aggcagcttt	gctgggagtg	tccacatcac	60
cctgaccccc	gtgaggcctg	acaggacccc	acgccagccc	agcccaggac	ccagcctccc	120
agccagggtc	ccctccccac	cccaccgcag	gagactggcc	gtccctgcc	gcctcgacgt	180
ttgtgacaac	tggcttcggc	cggagcccc	tggccaggaa	gcccagtgct	agagctggaa	240
ggaggaggag	aagaaacccc	accttcaggg	caaaccaggg	agacccttgt	ccccggccaa	300
tgtccctgct	ctgcctggcg	agacggngac	ctccccagtc	aggctgcacc	ccgactacct	360
ctccccggag	gagat					375

<210> 2601

<211> 377

<212> DNA

<213> Homo sapien

<400> 2601

ggcacgaggt	cctgctccgt	gtcattatca	agcgtaata	aagcactactg	gcaggcacca	60
gactacaggc	ccttgggaac	agccttctga	gccagcattt	attcacactg	cattaccgtg	120
tcctccatgt	caagtcccta	ttcctacgga	atgacttggg	aaacatgagg	tgagtccact	180
accatgccat	gctgcaggac	cctactcttg	tataagagtt	tgtggaagaa	tcttgcatgt	240
tcagaatcac	acatgtatga	cagaatgcc	caaagtaact	catgctgatg	gctgcactgg	300

ataaaacaag gctgtgccag aatgccttca ttgtgaggaa gggagctcca agtcacggcc 360
actaggttgt cttcacc 377

<210> 2602
<211> 372
<212> DNA
<213> Homo sapien

<400> 2602
gtgggcatgg tgggtgctaac cgacctcaag gtggccacct ccttgctgct gctgctcttc 60
gccatcttca tgggcctgcg ggcctccaag atgttcgggc agcggcgcaa cgcgcaggcg 120
ttggagctgg cgcacatgct gtactatcgc agtacgtcca acaactcgga gctgctcagc 180
gccctggccc tgcgcgcgca ggacgagcac accaaggagg cgctgctggc tcacagcttc 240
ctggcccggc ggccaggggg cactcaaggc tcgcccgaag agacctccag gtggctccgg 300
tcggaggtgg agaactggct cctagccaag tcaggctgtg aggtgacctt caacggaact 360
cgggccctgg cg 372

<210> 2603
<211> 371
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(371)
<223> n = A,T,C or G

<400> 2603
ttcaattccg tgctgcttac attttctatc ctttatagga ggccgagctg cagggggggg 60
cctgtcttct ggggggagag ggtcctcaaa ggagcggagg cagctggaga cccctggagg 120
aatcttgtag ggctggggac gtaagacagt cccatggaac aaataagatg gaaacagctg 180
caacatataat tttttccttt tagagatcca accttattcc atttataata aactgagaag 240
ttctatatca aatataaactg cctgtaacat tttaaattgc ttcaatctga gtttaacacc 300
cacctttcct ttcattctctt agcaaataat cttaaagctg tatctaacat gcagtcagaa 360
aaattacaat n 371

<210> 2604
<211> 353
<212> DNA
<213> Homo sapien

<400> 2604
tatctgctgc gagaagacga cagaagggtg ggtgttacga gattgggaga cttttctcag 60
catatctaac agaagagggt atccgagggt agagtgtaag gcctgggcaa gggttgggag 120
gcagttctaa tactgaatgt tctgactgtg gtttactatg tatttcagggt tattttgttt 180
aatctatcca gtaatccttt catgtaacaa ttatgatgtg tgtgttttag gtggggctac 240
taaggctagt aagtagtgag gctggattta aacttaagtc tccagcttcg tggcccagggt 300
tctttatact tgactccaca ctgggcttat taagtgaatg acaaggagtt tgg 353

<210> 2605
<211> 342

<212> DNA

<213> Homo sapien

<400> 2605

actacggctg	cgacaagacg	acagacgggc	tagctaacgg	tcgctccacc	catagaaacc	60
aaagtttttt	tggcgggtaca	gggaaattat	aggatgttac	tgtgcccccc	acccccatta	120
ttagctgcgc	tatccgcagt	gacatgacca	tgtgtccttt	cttgatgggc	taagtaccag	180
cagatgcgat	catcagtgc	aactcaagac	aatatctgaa	ggctgggggt	gctgcttttg	240
ttcacatttt	ttttttttaa	ataggaaaaa	aacttggaag	cttgagaaa	tcttcctgta	300
acattttatt	ggctggatta	taccacatgc	ttatttctat	ac		342

<210> 2606

<211> 335

<212> DNA

<213> Homo sapien

<400> 2606

tacggctgct	agaagacgac	agtagggctc	atgaggaaga	ggaggaaaag	agcattaccg	60
ctgtttgtca	catgaggatt	catttgcaga	tagtatgaaa	atggaggcaa	tttttccagt	120
ctcaagaatg	gtaaaaggca	caggtgggac	ttgaaccag	actcttggct	tcaagtccag	180
agttttctca	tgcaccagct	accctcaac	aggatttgac	tatcctgcag	taaccctaga	240
ggaagtttag	tccttgggac	gcttggcctg	ccagtctctg	aaaaaaatat	gatggggatg	300
gtggtggtgg	tagtgcacgt	tgggttgagg	ggaca			335

<210> 2607

<211> 331

<212> DNA

<213> Homo sapien

<400> 2607

ttacggctgc	gagaagacga	cagaggggat	gagccactgt	gcctgaccta	ggttatcatt	60
cttgagaaaa	gtttaaacat	gccatataaa	tcaaaatatt	gatgacatta	attaatagca	120
cttaattctg	actttgactt	tttttcaatc	ccattagttt	actttcattt	cttacctaaa	180
atttgtttag	tggttaatag	aattctgaac	ctaatatatc	atcttattat	tttctgctca	240
atgtgtaaca	ctagtctgac	tattttattc	tttttttttt	tttttttttt	tggaaaaaag	300
tttccacttt	tggccagggt	tgaaacgccc	g			331

<210> 2608

<211> 457

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(457)

<223> n = A,T,C or G

<400> 2608

attgcgatat	gtcantcggn	nntcgtcgga	tcccatggac	gggaattctg	cacgagagtt	60
agcacagcca	acggaatttg	attgaaaatt	gaatttgatg	aaaatgatgg	gccaaagcaca	120
gtggcagatg	cctggagagc	cctcaagaat	cccagcattg	gggaaagcag	cattgaaggc	180

ctgactagtg	tattgagcac	tagtggaagc	cctacagatg	gacttagtgt	tatgcaaggt	240
ccttacagcg	aaacggccag	ctttgcagcc	ctctcagggg	gcacgctgag	tggcggcatt	300
ctctccagtg	gcaagggaaa	atatagcagg	ttataagttc	aagccgatgt	ccaaaaggaa	360
atcccccca	aagacacagc	cagtcttggt	gcaattagt	acaacgcaag	cactcgtgct	420
atggccgggt	ccataatcag	ttcctacaac	ccacagg			457

<210> 2609
 <211> 429
 <212> DNA
 <213> Homo sapien

<400> 2609						
ctggacattc	aggaggcaag	ccaatctttt	ttatttcctt	ataaaattaa	ctcttcaaaa	60
gccgttaaac	agagagttat	cttaattttt	attgcagtag	gaggaaatat	atttaaaata	120
tttgtagatt	tatagcaa	at	agagactcgt	tatttaaaag	ttaaataaca	180
ttgttgtttt	tgccagttta	gggcagaagc	tgcttttgtc	ataaatatct	tcctaccaca	240
tcaaaaatgc	tgctttttaa	at	tttttgttt	ataaattgag	aaggaatttt	300
gattgctgca	ttgaacagat	caccattaaa	aagaatatta	gaatccagca	tgaagataat	360
ggctaataaa	aatgaggtac	atactctata	acaccattaa	tcagatttga	atgaggaatg	420
cttcccacc						429

<210> 2610
 <211> 425
 <212> DNA
 <213> Homo sapien

<400> 2610						
tgatcgagg	aaccaccca	gcttgctcgc	ttggtccttt	gcccgaagcg	gcctacggct	60
gcgagaagac	gacagaagg	ctgtaatccc	agctacttgg	gaggctgagg	caagagaatc	120
acttgaaccc	gggaggcgga	ggttgcagtg	agccaagaca	gcaccactgc	actccagctt	180
gggtaacaga	gcgagactct	ctcaaaaaaa	gagcaacaac	aacaacaaaa	aaaaccatag	240
ccatatggct	tgagtaagga	aagacagagt	tgctatttgt	tgagatgggg	atgacagtga	300
caagagcagg	cttgcggtgg	tggaaagtgc	aaatgtaagt	gttcgatttt	ggatatactt	360
aatttgaaac	gtcattatac	aaccaagtgg	agatcttgca	tgtacactgg	agatacatgg	420
caaaa						425

<210> 2611
 <211> 420
 <212> DNA
 <213> Homo sapien

<400> 2611						
caggtagggg	ggccaccttg	agtgggtggc	ccagagactg	cctcagggct	ccaaggtaac	60
ggggtgctca	ggttatcttg	ggtgctgccc	tcccagggtc	tgggggagca	aaggctgggc	120
gctggcccaa	cttacaggaa	acactcacct	ttgaactgcc	attggcacca	tctgggcagt	180
acacagcccc	acccagggcc	tctagttcct	gttctcggtc	tacaatcttt	gtgtttctgc	240
ctgagaagcc	actgcctcct	agtttgtggt	ctctacagat	atagccaggt	tggacttccg	300
gctccgtcct	ttgataactg	cgtgctcttg	ggcaaatttc	ttaacttgca	ggttcttctg	360
aggataacat	gagttaattg	agggcactta	acactacctg	gcacagatta	agctcatctg	420

<210> 2612

<211> 419
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

<400> 2612
 ggcacgagaa caagctgaca ttatgcactg agccagaagc ttctcagact tgcccagagt 60
 tacacagcaa gtccagggtg tggctgggaa ttcaactcaa ggctgttgga ctctgaagct 120
 tttgggttttt gttttttttc ctccactaca cagtactgca tgccatgtga gcaagatccc 180
 gacacagaat gaagtaacca gtatctttta ggcaaacaag cagatcagta gaatctgatg 240
 atttcagggt caaagaaaag aataatttta atgcaatccc tcattaccac agccatggca 300
 ctggcctcat atgggtaagg agatttgggc aaccttttgc aggctgatga aattttggag 360
 cctaaattgt aaagt tactg ggcctccctg ctgggtanaa ttcttttggga atttctgag 419

<210> 2613
 <211> 420
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 2613
 ggcacgagga gagaactagt ctcgagacta gttctctcct cataaagccc tccggcttga 60
 ggagagagtg tatagtcatt ggttctgcct ctgtgccctt gctggccgct tctcctctgc 120
 cttcttttctt ggaactcagg gtgtggggac tgagcctgta ggggacagca tgccgtcttg 180
 ctgtggccac tcccaagtgt gccctcttcc ctctttacac atcaggtgtc tctggcacag 240
 gacttggcac taagctccat gctgagacac caggctatgt gggcccccac cttgtttccc 300
 agcctgcacc ttagaagccg aaggtgcttt catcagaacc ctaaaatggg cgttgaaggc 360
 gcctggggccg cagcccagnc agtattggag aggcaagcag agggcagtggt gtctcccaaa 420

<210> 2614
 <211> 414
 <212> DNA
 <213> Homo sapien

<400> 2614
 ggcacgagcc catctcctgt tctcacaatg tagcaaaaac ctctacagtc attgtcttca 60
 aaagtgcagt cattaacaat taaatcaa atgctctggta gtactggtgg aggggatatg 120
 cagccttcgt tacgtggttt acctaatggg cctactcatg cttttagttc tcttcagaa 180
 tctccagatt ctacagttga ccggcagaag tcatcactgt caaataattc cctgaaaagc 240
 tcaaaaaatt catctttgag aactacttca tctacagcaa cggtctaaac agtgccaatt 300
 gatagctttc ataacttgct atttacagaa caaattcagc agcattcatt gccacgcagt 360
 agaagtcgac agtcaattgt ttccccatct tccacaacac agtccttagg acag 414

<210> 2615
 <211> 414
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

<400> 2615
 gacaacttga gaaacaaatg agaagcccaa ggaactgtga gcaattaaaa gcaaaccgcg 60
 acaccgtgtg tctccaccac acatagtgtg ctttggaagc acaacgtcca ggctgggtacc 120
 gcagcgccat gcccatcct cgcctcattc ataggacact tcaactgccat tttctattca 180
 cataaaagaa aaataaatgt ggaaatttca tccttggaag aaaaaaaaaa aaaaaaaaaa 240
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaanaan nnnnnnnnnt tcggggggggg 300
 ctttttttta aagcaccag aggaaaaata gcttgggggg ggtgtgcccc acccccaaaa 360
 agagggggggg gaaaaaattt ttttttttg gaaaaagggg gccccctctt ttct 414

<210> 2616
 <211> 402
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 2616
 cggttgctgtc ggtatatact cagttcccaa aagtggagtg ggtacctcta ggaagaaagg 60
 aggtggaagg gaaatgttac caagcatggt agttaaggga tacttcaatt ttgtatctat 120
 ttcttattaa aaagaaacat tctaagtaaa cataacgaaa tattaattct ggggtgggtgt 180
 aatattttgtg ttcattctat cattcgtgct atttatttcc ttaaacttct gaaagttaaa 240
 aagtccagat aggagtggag aagctgtaca tgaaacataa tggacttaca ttcctagtca 300
 gatactaata ttctgtagaa gatatttcta aaatcctatc tttaaaatat gaaataattt 360
 ttaattgggg tggcaactta cattcaatta aaataactca tn 402

<210> 2617
 <211> 409
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 2617
 ggcacgagat tacatagtga catatattat cttttcgtcc acatttgata acattgctaa 60
 tattttcttt tttttttact gaagctcttt gaatttaaag ttttctctca tttaaattta 120

ttaattaaaa	acataccttt	actctgttcc	ctttagcatt	tcaacctgat	gttaaaagat	180
gtgtatgcgt	gatatgtgtg	tttgaaat	taactttcat	cttgaagtat	ttaattctct	240
gaagcagtc	atgactcttg	ctcttcagcc	tcttgagagt	ggccctgggt	tatattcctg	300
atgatacaaa	ccctggaatt	tcttgtctga	agtgttaaca	ctttatttcc	aggtccta	360
ttgatttgaa	tagtggaagt	tcagattcaa	tgcattaatg	acagattcn		409

<210> 2618

<211> 406

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 2618		
ggcacgagga	aatctatgta gttaatctca ataaagaaat cattttggat aattttaa	60
tggtattagt	ggtattctct tacggtctta ctaaactttg ctgtaacagt aatgctttgg	120
ttgctttaac	taatcctatc attaaaaatg aaaatgattt tgctttttaa tttgcgcaag	180
tagcactaaa	gatagaagct taattaatga aagctaattg caataagggg tagatagagt	240
agtatatgtg	ggggtgggag ggtatgggag tntnanntnn ntnnnnact gatgttctgt	300
gttattggaa	tggtgaacta aatttaatat agctacttaa tatagagcgt ttctgagaca	360
aattattacc	gatgatgatg acctaggtgg aaactttcaa ttacat	406

<210> 2619

<211> 402

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(402)

<223> n = A,T,C or G

<400> 2619		
ggcacgaggt	ctgaaacagc actcaagcta tctttccttt tctcattctg ttttaatttaa	60
aaaggcaata	gtaatagagc atttcaaac actttgttgt ggatttataa ggatgtttct	120
tcgttgggac	aagtcattcc tctgtggag gaacactacc tcatttttgc attaaagaaa	180
tagtataaag	tttctggtga aagattagac aattattctc attcatggat ctacaaggcc	240
atcatgtcaa	aacatttatg aaaatgttcc gttctcctct tttccaaagg ccagaagttt	300
accctgtgat	gtggcaggag atatgagttt atccttggtt ttattatttg ataaatggat	360
ttaagttaaa	atatattgca tttagcaaaa ttatagtata an	402

<210> 2620

<211> 412

<212> DNA

<213> Homo sapien

<400> 2620

cgttgctgtc	gctcctcaaa	aatgatata	gttcccaaag	agaggtgtca	gtgtcttgaa	60
------------	------------	-----------	------------	------------	------------	----

ccgtcaagtt	caagaggcca	tcagactcaa	tatttactca	ttccttcatg	aaataagtac	120
ttaacaaaaa	gctgctgcat	gccaaagtcac	tgtgctaggc	attgaggatt	cagctctaca	180
cagggtctgc	ttggtccttg	ctatctttta	gctaaaatgt	agacacataa	ataaacaatt	240
acatatagtg	tgacacattc	tacagtgggg	gaatccaggg	ttctcaggca	gattgttagga	300
gagccacttc	atctagatca	cttattttca	gtgcttcaac	tgtgttttca	atgaagatgt	360
cactttgaaa	ataatacttc	taatttatgc	cccaagtgtg	ttgcttttac	tt	412

<210> 2621

<211> 403

<212> DNA

<213> Homo sapien

<400> 2621

ggcacgagat	ccaattatct	ctataaatcc	cattgatttc	agggaaactga	atttgatagc	60
caggaggcat	tccactggct	tcttaaagga	cattattggg	tttcattttg	ttttgttttg	120
atttcaattg	caactcaaac	aatgaatctt	ccaaagatgg	ttaccctcac	tctacaaaag	180
tgctaagtta	atattcttta	aaataaatac	aagcatttct	tggactagat	accatcaact	240
ttaattttat	ttttctcaca	taaatgttaa	ccaaaaacta	aatgataatt	tccttctgtc	300
acacagcaat	tccactgtgg	tggaacaaag	tggtatctca	agtttcacag	agcaattggt	360
caatcattcc	tggtgggtgg	tcctttccaa	atcttcgaga	atg		403

<210> 2622

<211> 404

<212> DNA

<213> Homo sapien

<400> 2622

gattccatct	actttaagtt	taaaggattt	tcagaatcac	cttaagtgtc	aaatttggtta	60
gcaggattaa	ttgatatgaa	ttcacttatt	aaacagtaaa	ctcaataaac	atagacatca	120
aataacagac	atctgctcta	gttcatgata	aaatggtgat	agattttatc	aggtgggttag	180
tttgaaacta	aatgggtttac	atctaaatta	agggcaggag	ctgtctttca	gacattcaaa	240
acgcatttgt	gtaaaatgac	aggtgttttg	tattaccagg	aactcataat	gacattttta	300
taattattgt	ctaaatttca	taatcgaagc	gatttttagag	tagttaactt	gagatttcac	360
agccagtaaa	tggtgtgatt	tctccagagc	tctcagctcc	catg		404

<210> 2623

<211> 408

<212> DNA

<213> Homo sapien

<400> 2623

cgtttgctgtc	ggatttgtaa	ggaaaactga	ctgtttttta	ctgtgggtgct	tttcaaaagt	60
ttaaaattgc	gtctgtgtgc	tttttgttgt	attctagccc	ttatgtgggt	ttacagactg	120
agttcatggt	acctatattt	tattaaaaat	ttcaaaccat	tgagcccagg	atatcgagga	180
tacagtgagc	caagattgtg	ccactgcact	ccagcctgga	tgacaaagca	agaccctctc	240
ttgaaaaaag	aaaaaaaaat	ttcaaggcat	tgaattctgg	gtagccaaga	aaaatggatg	300
gatgcctaaa	cccacatctc	cctacataac	cttccaacaa	aatatagaac	agcaaaatca	360
aatatatcta	ctgttgactc	ttgaacaatg	tgggagttag	ggatgctg		408

<210> 2624

<211> 409

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 2624

ggcacgagag	taatgctaaa	aaaatgcact	ttattatcct	atggactttt	ccaaatgcca	60
tagctaccaa	tagagtcatt	tgcattacac	atactaatag	tattatttct	tctgaggaga	120
tcctagctgt	agctacagat	atagaaaatt	ctaccattga	agatcttgta	taaccttact	180
tcagccactg	aaataattta	aattataaat	attacatgtg	ggtttgacta	tcacagaaaa	240
taaaatgatt	atagatccta	aaaacataaa	ttcctgaact	ttgcaaccat	taattcatag	300
gtactactaa	tactcttact	acagatttta	taagtacttc	cacttataga	cagaagagca	360
ttctcagaaa	attagaatta	atctaaatta	tgagatagtc	ttaaagccn		409

<210> 2625

<211> 416

<212> DNA

<213> Homo sapien

<400> 2625

tgagtgcaca	cagtagttgg	aaatggcagc	ttgcttggtt	ggaaagttgc	ttaaaagtgg	60
atgggtggaa	tgttccagtc	actccagggtg	gttcagaagt	taaatccatg	gcagcatggc	120
gcttggtgcc	tcctggactt	gaattaagta	gaaagtact	acaactcagc	aacaaaaaga	180
ctacacagac	tggaaccgt	ggctcccgcc	tgtaatccca	gcactctggg	aggccgaggt	240
gggtggatca	cctgaggtca	ggagtttgag	accagcctgg	ccaacatggt	gaaaccctgt	300
ctctactaaa	aaaacaaaaa	ttatccgggt	gtgggtggcag	gtgcctgtaa	tcccagctat	360
tcaggaggct	gaggcaggaa	aattgcttga	accccaggag	gcagaggttg	cagggga	416

<210> 2626

<211> 414

<212> DNA

<213> Homo sapien

<400> 2626

ggcacgagaa	caagctgaca	ttatgcactg	agccagaagc	ttctcagact	tgcccagagt	60
tacacagcaa	gtccagggtg	tggtctggga	ttcaactcaa	ggctgttgga	ctctgaagct	120
tttggttttt	gttttttttc	ctccactaca	cagtactgca	tgccatgtga	gcaagatccc	180
gacacagaat	gaagtaacca	gtatctttta	ggcaaacaag	cagatcagta	gaatctgatg	240
atttcagggt	caaagaaaag	aataatttta	atgcaatccc	tcattaccac	agccatggca	300
ctggcctcat	atgggtaagg	agattttggg	aaccttttgc	aggctgatga	aattttggag	360
cctaaattgt	aaagttactg	ggcctccctg	ctgggtaaat	tcttttggat	ttct	414

<210> 2627

<211> 418

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(418)
 <223> n = A,T,C or G

<400> 2627
 ggcacgaggg ttccagcaca gtgcggttgt gtcgttggtc ttttttagta tttcctattt 60
 ccaattttct aagaaaagac agaattaaaa aaaaaatctc ctagtttttt attggcaacc 120
 aattcagaat tgttttaaac attgtgctgg ccaaaacaaa aaacatgttt gccagccagt 180
 agtttttagc ctctgcttcc agagtgttaa ggacaggcct aaacatcctg gccaagcttt 240
 aatggatttg catttttgta ctctggatgt aagttttatt ctgcctctcc tctaagacta 300
 ctttttagatg tatcttcctc ctcatccta aataatcctc agggattact tttcctcact 360
 cagtaatttt cccctgcag gcagctattg cttccagctt cacatatatg gcttagan 418

<210> 2628
 <211> 407
 <212> DNA
 <213> Homo sapien

<400> 2628
 gttcaggcag gtgcttagca attttacaat tttcacaagc ttctgttcag ctcaccattt 60
 cgggtgatga atgtgtcatt tacaaagaag tctgaaatgg gaagctgagt ttgaacaggc 120
 ttagccatta ttcacctcaa attggacctt attatgactc aaattgaaat actaaaagg 180
 ataatacatg attgtataag tggcgtgcct taatgtgatt ctttagaaca aagtgtcttt 240
 gagagaactc tggctgaatg tcagggtactg tgtttttgtt tctacaccaa caaaactgtg 300
 actaacccaa ttaaagcaac agccatgaat aatattggcc ctgaccttgc tgaattcaaa 360
 aacaagggtta attgatacct accataaatt ctacctgagg gtttttta 407

<210> 2629
 <211> 405
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 2629
 ctcttagtat aactttttaa tggcatctac ataacaccag tgctcaaatt tgaaaccttg 60
 aaggctgtct ttttccatca acttgtgtga atactgactc cttccctgtt ccccttcac 120
 ttgggtttac tttcttgttt ttattatatg ctgatctgtc tcccctgtta ggctgtaac 180
 acttttgaaa gcagaaacta gttgtgttcc gctttttctt atctcagaaa tttgccttcc 240
 agctcctggc accattctct ttgtgattaa catccagtaa acatttgta aatatgtctc 300
 ttaaaatag tatcttttta actatttata cacctccaag tggatgacat gccacatttt 360
 atttcttctc agtttggtat cattctttnt gccactaga ccaan 405

<210> 2630
 <211> 403
 <212> DNA
 <213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(403)

<223> n = A,T,C or G

<400> 2630

gcttctcttt	tgttgatccc	ggcgatnctt	atctcttgct	gtcgaantgg	ctctgcctct	60
tttgtttcag	gttgtagacc	tgtatgagnn	gggtctgatg	taagatgaag	gtgtggattt	120
atcaaagcct	tttttcccag	ctatatataa	ggaatttgaa	gagttgcata	aaatgggtaa	180
gaaaatgtgc	caagattacc	tcagtagttc	tggctctgtg	tcccaggaga	ccctggaaat	240
aaacaatgat	aaggttgctg	agtcattagg	aatcacagaa	ttcctacgga	agaaagaaat	300
acaccagac	aaccttggac	ccaagcacct	cagccgagac	atggatgggg	agcagctaga	360
gggagctagc	agcgagaaga	gggaacgtga	ggctgcggag	gat		403

<210> 2631

<211> 411

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 2631

ggcacgagat	gaagcccaga	ttaacttttc	tgtgaatatg	gcctgtgaac	tgttgctgga	60
attaaattgg	agtctagcac	aaattaagtt	aatctactct	gtattaatca	ttgggaaaaa	120
gaaaagcttc	atttgaaaac	agtctttttc	cttcaccac	actaatagaa	aaaggagagt	180
aatttgttca	tactgtattc	cacgtgggat	gaaaagcatg	ttttgctctt	tgtttctggg	240
ccggtgtgat	ccgtgtgttg	gtgcctgagc	tggaggaagg	agcttcttgc	agggaaacag	300
ccactggggc	cacattgagg	gccagtggg	accttccttt	ccagtcacac	tctgtgtcct	360
cacgggcccc	ttcacagtct	agataaggag	cctagtttca	ttctcanaga	a	411

<210> 2632

<211> 413

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(413)

<223> n = A,T,C or G

<400> 2632

ggcacgagct	gccctcgttc	cgcgccattc	aggacgactg	ccaggtcac	acggccccgc	60
tggcccagca	gctgcggcag	cgctttatgg	agggcggtc	agggcccccg	gagcaggcag	120
agtgcgtgga	gctgctgctg	gccctgggcg	agcctgcgga	ggagctgtgc	gaggagttcc	180
tggcgcacgc	ccgcggccgg	ctggagaagg	agctgagaaa	cctggcctgg	ccgagttgct	240
ggccaatgtg	gccagctcca	tcctgagcca	cattaaggcc	tctctggcag	cagtgcacct	300
tttcaccgcc	aaagaggtgt	ccttctccaa	caagccctac	ttccggggtg	agttctgcag	360
tcagggtgtc	cgtgagggcc	tcacgtggg	cttcgtccac	tctatgtgcc	agn	413

<210> 2633
 <211> 402
 <212> DNA
 <213> Homo sapien

<400> 2633
 cggttgctgtc gcattccacg ggttttctgt gcagttatgg gagcatgaca ggggaggctc 60
 caaaatggag gttgagctgg gtcttataga ataaataagt ttgctgggac cagagacatg 120
 ggtgtgcaca gactcagagg caagaaagtt gtatgatgag ggtggggggg tgtgcggata 180
 gaggttgaag cccaaaagcc ctgaaagtcc agtggtgagg ctcagggtgg ggaccctaga 240
 gaggcaaaag atgcccagcc agatggaatt ggtggtgtga attgccagga ctggaaagag 300
 cccaaatggg ggctgcagca tgggccttgg ttgaagcctc taatcctgta agggctgctt 360
 tggccaaga ggccttagaa acccggtgta agccttaatc gg 402

<210> 2634
 <211> 418
 <212> DNA
 <213> Homo sapien

<400> 2634
 ggcacgaggt tggaaagaag aaaagaatta tagaaaatac gagtaaaata tggtttacag 60
 aatacagaat acgaagatga aaagacattg aagaatccaa aatataaaga tagagctgga 120
 aaacgtaggg agcagggttg aagtgaagga actttccaaa gagatgatgc tcctgcatct 180
 gttcattctg aaattactga tagcaacaaa ggtcgggaaga tgttgagaa gatgggttgg 240
 aagaaaggag agggcctggg gaaggatggt ggaggaatga aaacgccgat ccagcttcag 300
 cttcggcgaa cacatgcagg cttgggggaca ggcaaacat cctcatttga agatgttcac 360
 cttctccaaa acaagaacaa aaaaaactgg gacaaagcac gagagcgggt tactgaaa 418

<210> 2635
 <211> 409
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 2635
 cggttgctgtc ggacgagaca gcgagaggaa cagcgtccgg ggcgaccccc agtccaccgc 60
 gggggcctgg cgcgcttggg gcaaaggccc taggagaccc cttctggcca caaaatcgag 120
 tatgacagaa aagggccagc gggggcgctt tccttccagg gccacttgcc ggaatgtaag 180
 agggacggag agacgtccgg aaaaggctgc cacgctcgga gcgctgcgcc aggccaggca 240
 cctaggccag gggagcggag acctcgtggg agcgggcagg gggacctttc ccctctccc 300
 ggcttccacc caggcgctc cccgctgtga acgcccgcgc ccagggtgaag gggaaaccgg 360
 ccacgtttcc ggacctcggc gngcacacg gtctccggtt ttcaccggg 409

<210> 2636
 <211> 403
 <212> DNA

cgtggctgtc ggagagcttg gatttctatt gaccttatac tggtaccaac tgtaccagct 60

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aatcatgtgt cccttgagtc tgtcacgtga cctttgcttt cctctgaaaa tccttttact 120
cagtaggcca gttacaccca ttataataa ttaataaaaat cactatgttt gacttcaagc 180
ttttccctta ggtttatgat tttttaaaaag tattatcctt ttttggcatt taggaaggca 240
tctatttttg ttttaatggt tactttgatg taatactttt tttttctgct cttgagcatt 300
gactcccgcg gtgagtgata aatcagacat ttaccttttc ttccccctcc tctctttatt 360
ttccatcata taacttgaaa gattatcctt ttt 393

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<210> 2640

<211> 393

<212> DNA

<213> Homo sapien

<400> 2640

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ggcacgagac tcacttctaa tagaatctag tgtcataaat tatacaaaac tagaagcagc 60
agattgtagg agaatggggg aggtgtggga gatttttatg tggaatgaca tctgtcagga 120
aaagagaata aaaatttcct aaaagactgt catattaagc ccctttacct tttccttggt 180
ccacctcatt acatagatag atcatcattg tatcagaaaa atgttaattt atattattaa 240
tgatcacttt gtaagtatgt tttttcaacc atcctaaaca cattttcaga aatgtttttc 300
tttaaaagggt gataagtttt aaaaattttt ttataaagag ttaggcttgt gttattactt 360
aatgaggaga acctcattcc ctattaatgt taa 393

```

<210> 2641

<211> 384

<212> DNA

<213> Homo sapien

<400> 2641

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ggcacgagga gagttatagc cttatttttt ttacattcct aggaatttat gaaaatgtat 60
gaagtttgat gaatattaca tagaagtatt acaagcttat gagcgcctag aaatcaaadc 120
atatttttgt cttttgaatt cattaaacct taaaattatt ggagttctga tttagtgtct 180
cagaactatt ttggtatttg tgtatcttgt tttggacagg gttagcatgt atttgacacc 240
cttttagccct ttaagggaata ttttgtctgt gaagattttc tttctttttt tttttttttt 300
ggaaaaaaaag tcttactttg ttccccagtt tggagtgaat gggcttgacc caaaatcggt 360
tcccatgcta aagaaatttt ctgg 384

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<210> 2642

<211> 392

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 2642

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cttaaaaaaa tatatagaaa gaaagaaaat gcttttcaat tttgggcccc gccattttta 60
cttaaggta atatccatat attcctatta gactcaccct ttccctatag ctaaaattaa 120
attcttagag aagaaactta catcagttta atgaatacac agcctgtcta taccaatttc 180
ctcttctaga gtcactacat tcaaagcttg gtgggtctca atagggattt actgctgact 240
gggtaatctg ggttcctgtg tgcagtgaca tcaagcaaga gatttaccaa gagaagtgga 300

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tgccatgaca atgcatgtaa ccatgggtgtg accggcctcc ctgacatggc tctcanaagc 360
 tttccctctg tgaaaacaga agcctgtttg ca 392

<210> 2643
 <211> 391
 <212> DNA
 <213> Homo sapien

<400> 2643
 ggcacgagtg ataatatagt aagccaaaat tggtcagtgt aggataagca agatggaata 60
 agtgcaagtg tagtaatttt ctcattcttc attatgacaa gtcattcactt actatataag 120
 aaatttttaaa atacggtaaa atagtacata aaattacaaa gataaccacc aaaagatcct 180
 agaatagact ataaaccttt ggaactatca gaataaaaaac acacaataaa gaaaacaaat 240
 accatatggg aaaataattg tgtgtatttg tgtctttaat ttgtttgtga gtgtctttaa 300
 tttatgtgtg tataacatta taaaggaaaa atataactaa acataatccg tatgattaaa 360
 tattttctct atattccagaa atgtaaattt a 391

<210> 2644
 <211> 389
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1) ... (389)
 <223> n = A,T,C or G

<400> 2644
 ggcacgagga tccccccagc actcatatgg tttctatacc aacagttatt gatattacag 60
 gagagtatgt aattagtaat gctaaaaaaa tgcactttat taccctatgg actttttccaa 120
 atgccatagc taccaataga gtcatttgca ttacacatac taatagtatt atttcttctg 180
 aggagatcct agctgtagct acagatatag aaaattctac cattgaagat cttgtataac 240
 cttacttcag ccactgaaat aattttaaatt ataaaatatta catgtggggtt tgactatcac 300
 agaaaaataaa atgattatag atcctaaaaa cataaaattcc tgaactttgc aaccattaat 360
 tcataggtac tactaatact cttactacn 389

<210> 2645
 <211> 387
 <212> DNA
 <213> Homo sapien

<400> 2645
 ggcacgagcc catctctact aattatacaa aattagccgg gcatgggtgg gcatgactgt 60
 aatcccagtt acgcgggagg ctgaggcagg aaaatcgttt gaaccaggga ggcggagggtt 120
 gcagtgcagg gagatcgcca tatatatata ttcatatata tgtatatata cacacatata 180
 tattcatata tgtatatata cacacatata ttcatatata tttatatata cctatattca 240
 tatgttttca taatatagca atatacctat atgttcatat atgtatatat aatattcata 300
 tatgcatata tgtatatata atattcatat atgcatatat gcatatatata ctatatatgc 360
 gcacatacat attcctatat gcatatg 387

<210> 2646

<211> 386
 <212> DNA
 <213> Homo sapien

<400> 2646
 cggttgctgtc ggtgaactgt gatcatccag attttggcag cttatagggt cttagttgat 60
 ataaaaaaga atgccaaagc atgggtaaaa atacatgaca taactatgta aacaagtaga 120
 agaacttagg gttcttctaa gtagggctcag agccaagatg agctagcaaa aaacctgtgt 180
 actttttttt ttttgaaagg gagtttggtt tggccacca agctggaggg caggggaggg 240
 atttcggtta attgaaacct ccacctctgg ggtaaagca attttggggc ctaacctctc 300
 caggaagctg gaataacggg ggcattgccac cccccgggt taattttggt ttttttagca 360
 aagacgggat ttcacatgt gggcca 386

<210> 2647
 <211> 396
 <212> DNA
 <213> Homo sapien

<400> 2647
 ggcacgagaa aatatataac aaccaaagtg ttgtattaag ataactctta acctctgtta 60
 gtagtaacat gtttcattac agtatcaaat atataggtaa aatttgggtga catgaaaaca 120
 cttgtggtct gtatgtctat caaacattca tgaaaaattt gaagactatc aatttgggtac 180
 ctacaaaaga tgatgcggtg gccatggaaa tgcattcacc agatctctc ctgtgagaag 240
 cagagttgac agaaccctag ctgctacccc atgggatcta ccactgtatt cctgctgttc 300
 ccagccaatg agtgagaatg gcaggactat taacactgac ccagtcccct gatgggcaac 360
 attggctcaa ggatttccca ttagattgcc cagaat 396

<210> 2648
 <211> 387
 <212> DNA
 <213> Homo sapien

<400> 2648
 gacttgctgt tcttaacctc ccaaagcagg catgtagacg cacatgtgtt ttacacacgt 60
 cattggagga aggctggcaa taccagcttg gttgcaagga aagaggcaat tgagaggact 120
 ccttctcaca ctgcagtaat ttgctgagtg acctgaaca aggatcttaa tgcattcaag 180
 tctgtttcct caaccccaaa atgaagggat tggaccagat gccctcaagg ttccctcaagg 240
 gtcagctgtc acagttctcc aaagtgagtt ttcaggcaca catagagtta gccagtgtcg 300
 cctcaccagg acattctgtt ttctgaacat tgggcctctg tggtttgtca catacaccca 360
 cgggactggg ctcataacta cctgaag 387

<210> 2649
 <211> 398
 <212> DNA
 <213> Homo sapien

<400> 2649
 cctcacccca gctgectgct gcttctgacg gatcttgggtg ctcaggctgc ctggctctcc 60
 gagtgaggac gcagcctcca tatttgggtg actcaggcat ggctgggaca agccagctgc 120
 cccagggttc ttcccttggt gattctcgcc tgctttctca tctcagggga ggcagtggca 180
 cctccctctc cctgctgaca tgaagagagc tatgatatgc cactgctgcc aactcatcct 240

ctgccccac	ctcgaaaccc	acagtcccca	gtggagggcc	actactcatc	cccattggtt	300
tcccagggga	ggggtgttgt	ctggaagggc	aggttcagat	gcagccttcc	agatttagag	360
gcactgggag	gacagtggct	gagtggaggc	gcccacac			398

<210> 2650

<211> 387

<212> DNA

<213> Homo sapien

<400> 2650

cgttgctgtc	ggtttgatga	tggatgatgat	gatgatggca	gtcatgaact	gaggagttag	60
attcatgcc	ctctacattt	gaggttcttt	ctccagccat	gtaactctgg	caatggagta	120
gaatagggag	gagggggaag	gtgagaacgt	aggtagaaag	agctgttggg	caactgtagc	180
aataaaacag	aaaagagatg	aatgttttga	cataggcagg	ggcagcagga	atgcagaagg	240
gcaggtgtca	gagagcgtcc	acgtggtagg	acccacagga	ccaggtggct	gaatgcagag	300
gctgaggctg	agcagggcgg	ccagtatggc	tcctgtgttc	tgatggcgtg	tagtggcgtg	360
accagccagg	gtctggaaga	aagagga				387

<210> 2651

<211> 400

<212> DNA

<213> Homo sapien

<400> 2651

ggcacgagca	tacttttact	taaataatta	ttataaagac	ctcaaaggaa	atgtatcagg	60
tgctgtaaga	taatttaaca	ggtgggtttg	cttagtttga	ggggaaaaac	tttaggggca	120
tgaggaatta	gaaagagcta	gtgaaaagaa	agtgtagcag	ccaaagagtt	aggtgaagaa	180
acaaatctgt	ggtacattaa	gaaaccaaga	aggaggaatt	tccagagcat	atttgtggtc	240
atgaaagtca	aatgctgcca	agatggaaag	gaagatggga	gttgagactg	gtttgtctaca	300
tatggtgatg	aaaactgttc	tagaaaagtt	tcaagttaat	aggaccaaac	acagcttaca	360
ggtgattaaa	aaatgagaag	gtggtgaaat	cctaagtact			400

<210> 2652

<211> 389

<212> DNA

<213> Homo sapien

<400> 2652

ggcacgaggc	ccctcactgc	cctgctcaac	caaagccgcg	gagagcgccg	agggccccc	60
agtgacggcc	acgaggcact	ggagaaggag	gttcaggctc	ttcggggcca	gctggaggcg	120
tggcgtctcc	aaggggaggc	tcctcagagt	gcactgagat	cccaggagga	tggccacatc	180
ccccggggct	acatctcaca	gctgggtggc	gtgatcactg	tgcccgtttt	acagacaagg	240
ccactgagct	ctgagagggt	atgtgacttg	cccaagggtc	ccccgcctgc	aggtctcaaa	300
gggtgggattt	gagcgagggt	ccggctgact	gcagagcctg	tgtgtgagtc	cccgtgtgac	360
actctgcact	tggacccttg	ccccgggga				389

<210> 2653

<211> 397

<212> DNA

<213> Homo sapien

<400> 2653

ggcacgagcg	gcctccatgc	tctggccgtg	gaggataaccg	gaggccccctc	tgccctcggcc	60
ggtaaggccg	aggacgaggg	ggaaggaggc	cgagaggaga	ccgagcgtga	ggggtccggg	120
ggcgaggagg	cgcagggaga	agtccccagc	gctgggggag	aagagcctgc	cgaggaggac	180
tccgaggact	ggtgctgcc	ctgcagcgac	gaggaggtgg	agctgcctgc	ggatgggcag	240
ccctggatgc	ccccgccctc	cgaaatccag	cggctctatg	aactgctggc	tgcccacggt	300
actctggagc	tgcaagccga	gatcctgccc	cgtcggcctc	ccacgccgga	ggcccagagc	360
gaagaggaga	gatccgatga	ggagccggag	gccaaag			397

<210> 2654

<211> 398

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(398)

<223> n = A,T,C or G

<400> 2654

ggcacgagaa	acatccttgc	tgtggctttc	tggcctcaga	gcaggtttta	gaggaagggg	60
ccacaggctg	cctagtgcac	cctggctgtg	ggcagcccct	ttcctggagc	cctcctgcct	120
accccgtagc	tcccatctgg	ctgcacagct	ccatccttag	ccacgcaagg	ggagaacatg	180
ggcagagtct	ccatccagca	gctgggggtt	ctgggtggcac	tccctgtgcc	cctgctgctg	240
ctgggctgtg	ggtctgccct	gcacccagga	gccccacggt	ccatccccca	caccatgccc	300
agcaccaggg	aggttgggca	gacaagacct	gggccatgcc	agccctctgt	gcctcggttt	360
tcccactggt	tacacaggat	ggtcgcattt	tccctgcn			398

<210> 2655

<211> 386

<212> DNA

<213> Homo sapien

<400> 2655

cggtgctgtc	gctccctccc	aggtctgggc	tgcgcagtac	ctccccctgc	cttagagcac	60
cccactatct	ctgtaaaggc	tctctctctc	tttttttttt	ttactaacc	gagctaaaac	120
caattcctgt	tgataacaac	taaacaacct	cattaccgga	gaggactttc	gtttactttt	180
tgctttttag	gttccacttt	ttttttggga	aaggggattt	aatttgttcc	ccagccccga	240
catcgactgg	tataattttg	tttaagagca	cccttgagcc	tcctagggaa	acaacattcc	300
ccggctgcac	cctccaaaaga	tttggggata	acgggatacc	ccccccccc	cccacctatt	360
tttgtgtttt	tatgaaaaaa	gggcgc				386

<210> 2656

<211> 399

<212> DNA

<213> Homo sapien

<400> 2656

ggcacgagcc	cggacctgcc	cctgcctccg	accggccctg	aactttgtgg	ggactgagct	60
tgggatctcc	cccgtggccc	gccccacac	cgggcttctg	ggagggtggc	tccagggctg	120
tggagagaag	ttgggtgggt	ggtgcaggca	gcttctgggc	ttgagtccgg	ccccctgcac	180

ctccagtcca	cactccccag	gagctcacct	gctcccaggt	cgaactccat	ggcggtaaga	240
gaagttgggt	cctaaggcca	agggcgctg	ggccctgcag	aggagcggag	cagggggagg	300
agcgctgaga	cctgcccgtt	ggaggaatgc	tgagacgccc	cacccaacct	ctgtcctggg	360
cctcagccct	gactcattgc	ccggcaccac	ccaggattc			399

<210> 2657

<211> 395

<212> DNA

<213> Homo sapien

<400> 2657

ggcacgagga	aaaaagagct	gttgaatgtt	agatcatgaa	catcagtatt	tatctgagga	60
acatcctgcg	gaggaatccc	tttccccatt	tattaaacac	aaaattgccca	gtgtttcaag	120
tagttctctg	atcgatagac	caacaactga	aattaaatgc	ttttagtctc	aagtgcccat	180
ttttattaaa	atgtaattat	catgaacaga	aaaagcaata	caaggcgtgt	gttcttaata	240
attctgccat	tctctttttg	acattttaaag	gaagagccta	ggctggatgt	cttgatcaat	300
aacgcagggg	tcttccagtg	cccttacatg	aagactgaag	atgggtttga	gatgcagttc	360
ggagtgaacc	atctggggca	ctttctactc	accaa			395

<210> 2658

<211> 388

<212> DNA

<213> Homo sapien

<400> 2658

cgttgctgtc	gatcggggcaa	cccaaggact	tctcactgg	catgtgcctc	ttcctgcaga	60
cgctgaggca	aaaacagcct	gagcggctgt	gctcatgccc	tgtccttgag	ggcaacgtgc	120
tggcggaacc	atttgcccg	atgcggccat	aactgcatca	ttggtcccaa	tgggagcctg	180
ggacctgtcg	tgttggtcga	agatgggtgtg	tgtatccggc	ggtgcacgat	gctgcgggat	240
gcccagagatg	cgctcccatt	actggcttga	gtcctgcatt	gtgggctggc	gctgccgcgt	300
gagtcaaaga	gtactcatgg	agaacgtgac	agagctgagt	gaggacgtca	taattaatga	360
ggagctctac	ctcaacggag	acagcgtg				388

<210> 2659

<211> 378

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(378)

<223> n = A,T,C or G

<400> 2659

ggcaccagga	gagagagaac	tagtctcgag	agcagnnntt	tttttttttt	tttttttttt	60
tttttttttt	tttttttttg	ggggccccc	aaaatttttt	tttaaaaaaa	aaattggggg	120
ggggccccc	ctttttttaa	aaaaggggg	tttaagggg	ggattttttc	cccaaaaaaa	180
aggtggtttt	ttttttcccc	ggggggggtg	ggcccccccc	cccaaaaaaa	aaatccccgg	240
gggaaacccc	cccccccccc	cccggggggg	gggccccccc	tttttttggg	aaaaaacacc	300
cccccccccc	cccttttcc	gggggggggg	ggaatcctcc	tcggagaggg	gggggggggg	360
ggcaacaaaa	aaacaaaa					378

<210> 2660
 <211> 382
 <212> DNA
 <213> Homo sapien

<400> 2660
 cgttgctgtc gattttccag ttgttttgct atattctgca aataaaaacc gtgtttcctt 60
 ttttcactta aactttggta ggaaacaaac taaagcagac aaacatttct tgttatgttt 120
 gttgctttct ttaatccaat ggataaaaaa agtaaaaccc tgtaaacatt attttatttt 180
 tttatgcaat accatgctgt aaatatgggt catcaaataa ggatgtacct atgattgaat 240
 ctttaattct gcacagttag agtttatata taaacgtgtc ttgacaatca aggactttta 300
 tgtgagtcct cctttatgat gtttattaat gttatgcatt ccatttggtt tgaagtgagt 360
 accaatgtgc taatttgtat tg 382

<210> 2661
 <211> 373
 <212> DNA
 <213> Homo sapien

<400> 2661
 cgttgctgtc gggaacttta aaaattatgt ctgtagttaa ataactaaat gtaagaaagc 60
 ctttaatatata gggtagagtt attaaatagc acaattaaaa aaattttaga acttacaaat 120
 acaaaggatt attattttct caaaattatt atctttattg ctataatatt tatttaattg 180
 agcttttttg ttcaatgcac ttttggaatt tttctttgga aattactaca tgatgctttg 240
 gacagctttt aaatatatttg tatatatcca gtcccttaga ttttaaataat ttctgtttct 300
 tcatcttttc ctctgttaca tgggtttcca tgtaacctct tcatcatctt ggttgtcttt 360
 ttcttctaata gct 373

<210> 2662
 <211> 373
 <212> DNA
 <213> Homo sapien

<400> 2662
 tacggttgcg agaagacgac agaagggcct tattttgaaa tcagaataat ggaaattatt 60
 acaattaaaa agtcactaga aaaacagacc tattgtacaa agattccagt cttacctttc 120
 tcaagtctgc ttactgattt ttctcttatg tctctattct ttcccttcc ctttgccctt 180
 cttttctccc ttctgctctt tgaccccaaa ctcatctttt cttcttagtt tattaaataa 240
 aaaccaaact atattactat caatatattt ttactatatg cagttcatat agtctcgtga 300
 ttggccaaag tctaattggt cccaataggt cctcaatctt taaggcccag tccaaacctt 360
 ccacaatgaa ggg 373

<210> 2663
 <211> 378
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(378)

<223> n = A,T,C or G

<400> 2663

tacggctgcg	agaagacgac	agaaggggaaa	cctcgtctct	actaaaaata	caaaaaaact	60
agctgggcgt	ggtggcatgt	gcctgtaatc	ccagctatct	gggaggctga	ggcagagaat	120
ttcttaaacc	tgggaggcgg	aggtttcagt	gagccaagat	tgtgccactg	cactccatcc	180
tgggggacag	agcaagactc	catctcaaaa	caaaacaaaa	caaaagatgg	catagaatcc	240
ttcttggaac	cttgtgcaga	gggaagagta	aaaagacctc	cacacggccc	actctgtcca	300
ccatctttgc	tccaaaagtc	cctaccctgg	aagtaccggc	accagaagcc	gtatcctcag	360
ggcactcaac	gctgcctn					378

<210> 2664

<211> 378

<212> DNA

<213> Homo sapien

<400> 2664

cgttgctgtc	gattcagggg	tcacttttga	acttgctgga	ttatgggtgat	ggttttttgga	60
tagtatgtgc	ttcattatct	tatttggggg	agttacagtg	ttgtagtttt	ttgttaacag	120
ctacactttt	ggtactatct	tcctttttaa	tttttgggtg	ctaagattta	ccactaatta	180
ctaataatg	cctttccaat	tcacttaaaa	ccttaataag	tgaaatgttc	aggtattgct	240
agggtaaatg	tgtcttttcc	tactattgag	attttaaaag	gctgtgatta	agagagactt	300
tattaatttg	atctgaaaga	agtagaaacc	tctatgaaac	aattttttatt	ttccttttgca	360
taatacctta	gaaatgtg					378

<210> 2665

<211> 373

<212> DNA

<213> Homo sapien

<400> 2665

tacggctgcg	agaatacgcg	agaaggggatg	agagtgagga	tgacatgtga	tcccatgcct	60
ccaagagcaa	agccactgag	gatgggtgaag	aagacgaatt	aagtgtctga	gaaaaggagc	120
acgatagtga	tgagagttat	gatgactctg	attagacccc	agataaattg	ttgctgtctt	180
ctgtgtctct	gccagcctgc	gatcattttg	tgtagagatt	tgaaatccgc	tgtttgccct	240
tcttactggg	aggatccttt	tttgcccttc	tttttttttt	tttttttttt	tttaaaagag	300
ggcttccttt	gtcttcccaa	ggcggggggg	ggcggagaac	atttgggtat	ccggaccctc	360
ctttccccag	gta					373

<210> 2666

<211> 376

<212> DNA

<213> Homo sapien

<400> 2666

ggcacgaggg	ctggttttgtc	tggggagaca	gacaggatgt	tgtggagctg	gggtggaacc	60
tggataggag	ggattaactc	agtcattggca	ttctccgacc	aaaaccacac	ctgtgtctct	120
ggcaggctgg	ctggccttgc	tcccatccct	agaactgctg	cctctccctg	gatattccag	180
ctcaattagt	gccacatatg	ggggaaacga	cacatcccag	tgggatttcc	aacactcccc	240
ctccccatgc	aacaaagcaa	cttactttctg	gagttctctc	ccaaggagag	gacacagaca	300
cagttgtttg	ctgtgtttata	tgtagctcc	gaacaatggg	tctcaattgg	cttagcatca	360

aaacacctaa ggagtg

376

<210> 2667

<211> 382

<212> DNA

<213> Homo sapien

<400> 2667

cgttgctgtc	gggcagctca	gggaagggtca	ggagatgggg	tgttcccagt	catgcccattg	60
gcattctctgc	ctcctcgggg	cccacctgcc	tcgccctgtg	gcctgagtc	cttcagctgt	120
gtgggcctcc	ctgagtgccc	tgagtgaggt	ggcataaagg	gtgagaggcc	atgggtgtctt	180
tggggctggg	gggtccgggtc	tggccatctg	tcacctctca	ggcgtgcagg	cactaatccc	240
tccaagcctc	agttggccac	agtgagaagg	ggcctggtaa	cactgtcctg	gatgccagggt	300
tgttgatgaag	gtcccggcctt	agcctctggc	aggaaaggagg	tgctcaggag	gtgggcacag	360
gcagagggct	ggctgtgggg	gg				382

<210> 2668

<211> 371

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(371)

<223> n = A,T,C or G

<400> 2668

tcgaattccg	ttgctgtcgc	atttcacggg	ttttctgtgc	agttatggga	gcattgacagg	60
ggaggctcca	aaatggagggt	tgagctgggt	cttatagaat	aaataagttt	gctgggacca	120
gagacatggg	tgtgcacaga	ctcagaggca	agaaagttgt	atgatgaggg	tgggggggtg	180
tgcgataga	ggttgaagcc	caaaaagccct	gaaagttcag	tgttgaggct	caggggtggg	240
accctagaga	ggcaaaaagat	gcccagccag	atggaattgg	tggtgtgaat	tgccaggact	300
ggaaagagcc	cagatggggg	ctgcagcatg	ggccttggtt	gaagcctcta	atcctgtaag	360
ggctgctttg	n					371

<210> 2669

<211> 378

<212> DNA

<213> Homo sapien

<400> 2669

ggcacgaggc	ggatcaggga	gattcagaag	cgcttcagag	aacaggagcg	cagccgggag	60
cagggccagc	ccaggcccct	gaaagctctg	tggcgctcac	ccaagtacga	caagggtggag	120
tcccgggtca	aggcccagct	ccaggagcct	ggcctgcct	ctgggacaga	gtctgcccac	180
ttcctgcggg	cgcactccc	ctgcggccct	ggcctcccac	caccccatgt	atctagtccc	240
cagccaaccc	caccagggtcc	cgaagctaag	gagccaggcc	tgggggtgga	cttcattcgt	300
cacaatgcac	gagctgcca	gagagccccc	cggaggcatt	cctgctcact	gcagggtcctg	360
gcacaagtgc	tagagcag					378

<210> 2670

<211> 373

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(373)

<223> n = A,T,C or G

<400> 2670

ggcacgagggc	ggatcagggga	gattcagaag	cgcttcagag	aacaggagcg	cagccgggag	60
cagggccagc	ccaggcccct	gaaagctctg	tggcgctcac	ccaagtacga	caaggtggag	120
tcccgggtca	aggcccagct	ccaggagcct	ggccctgcct	ctgggacaga	gtctgcccac	180
ttcctgcggg	cgcactcccg	ctgcggccct	ggcctcccac	caccccatgt	atctagtccc	240
cagccaaccc	caccaggtcc	cgaagctaag	gagccaggcc	tgggggtgga	cttcattcgt	300
cacaatgcac	gagctgccaa	gagagccccc	cggaggcatt	cctgctcact	gcaggtcctg	360
gcacaagtgc	tan					373

<210> 2671

<211> 376

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(376)

<223> n = A,T,C or G

<400> 2671

ttcgaattcc	gttgctgtcg	ggcttatctg	atgtatctcc	gggtgcanga	agcgggtggag	60
tccatgggtga	agagtgtgga	aagagagaac	atccggaaga	tgcaggggtct	catgttccgg	120
tgcagcgcca	gctgtttgta	ggacagccag	gcctccatga	agcaggtgca	ccagtgcac	180
gagcgctgcc	atgtgcctct	ggctcaagcc	caggctttgg	tcaccagtga	gctggagaag	240
ttccaggacc	gcctggcccc	gtgcaccatg	cattgcaacg	acaaagccaa	agattcaata	300
gatgctggga	gtaaggagct	tcagggtgaag	cagcagctgg	acagttgtgt	gaccaagtgt	360
gtggatgacc	acatgg					376

<210> 2672

<211> 370

<212> DNA

<213> Homo sapien

<400> 2672

tacggctgcg	agaagaccac	agaagggggg	gcacagccct	gatgatggag	gggctgctca	60
gtgcttgcta	tcatgtgtgc	cccaactata	ccaatttcca	gtttgacaca	tcgttcatgt	120
acatgatcgc	cggactctgc	atgctgaagc	tctaccagaa	gcggcaccgc	gacatcaacg	180
ccagcgcta	cagtgcctac	gcctgcctgg	ccattgtcat	cttcttctct	gtgctgggag	240
tggctctttg	caaaggggaa	acggcgcttc	ggatcgtctt	ctccatcatt	cacatcatcg	300
ccaccctgct	cctcagcacg	cagctctatt	acatggggccg	gtggaaactg	gactcgggga	360
tcttccgcgc						370

<210> 2673

<211> 355
 <212> DNA
 <213> Homo sapien

<400> 2673
 tacggctgcg agaagacaac agaaggggtt ggatcatttt tttctgaaag tgggcaatta 60
 tttcaaaaca aaatggtttc aatagagcgc catgatattt ttctgacatt ttctttgaaa 120
 tagttgatac tccttctgca aattttgttg acagtgtctc taggttccaa aaagaaggggt 180
 aacgccacta cagcaccttt gccatctgac cagcagcaat tctaagatgt cattgattct 240
 aagatgcatc tcaattccca agatgttaaa atgaacaaaa tacatcactt aggatcataa 300
 acacattttta gttggaatag acacatttga agaccagatt tgaacaatga tcctg 355

<210> 2674
 <211> 361
 <212> DNA
 <213> Homo sapien

<400> 2674
 gcctacggct gctagaagac gacagaaggg atttaaaaga aaagcatata acataaaata 60
 aaaaagaaga ttcaatacgt aaccatagga gatacaaca ttcaaagagc aggttaagga 120
 aagaagcctg agaaggaccg ttcagagaga cagcataaaa gaaaacccag aagagaagtg 180
 taaatctgac gtcacaagag gaatgcactt tagaaaatag gagggctcaa tattacctta 240
 cagagagacc aaataagact aaattgcaca aagttcttga ggaagtgaag actcagatta 300
 tagactatat ttttgagaat attgggtatg aaaaaggggtg acttgcgcac tcaccagttt 360
 t 361

<210> 2675
 <211> 356
 <212> DNA
 <213> Homo sapien

<400> 2675
 tatccgctgc gagaagacga cagaagggta cagtttacac ttttttctta aaatcatgaa 60
 agcgggtttc tatcttaagc atatattgtg actactatta acagactgat ttgtgtagat 120
 attaaatgct ttaagctatt ttaccttttc aagaagttgt gttttttttt ctccaagtca 180
 taaccaattc ctgcaaagag gcttcccatg acttgtgatt ataaagtaga caaccaggga 240
 attgcgcgag acacattttt atttaattct tttttttacg gaatgcccct gagccggaat 300
 agattaaaag cggttccttt cctttttcac atttaaaaca ggatgggttc tgggtt 356

<210> 2676
 <211> 366
 <212> DNA
 <213> Homo sapien

<400> 2676
 cgttgctgtc gaaataatag agctaaataa tgtcctgtca cttccattat aagaaatctg 60
 gattcatatc taagtgtata tgtataatac tgtacagtta agagttcaga acaagtggga 120
 atgttttctc ttaatttaac tcattttgtg ctttctttac tcattcaaac acacatacat 180
 ttacatata gtttatttct ttatgaaatg ctaatcttca gcccgtagga aaaagtagag 240
 tggagcctct ttgcactact actatcaata aattttaaat cagttggatt ttaagcatt 300
 ttttaaaagc tgacattaaa gttaaacttaa aaaaagttta acaaactggc caagacacta 360

atttttt

366

<210> 2677

<211> 367

<212> DNA

<213> Homo sapien

<400> 2677

ggcacgagcc	ccagtcccat	cccaggacgc	cctgagggat	ggacgcagcc	atgcaccccc	60
catctggggc	ctctccctgc	tccctctccc	acctggcagc	tgggagttct	ggcttctagg	120
cctgccctgt	caccaggcct	ctgagtggcc	aggcccttcc	acctcccat	ctgtaaaacg	180
aggcagctgc	ccggacagcc	ttggggtcct	tagtggccct	gcaggtcctc	tggcagctct	240
gctgacccca	ccctctcccg	gactgccctt	ctgtcccaga	ggggtcaccc	tgacccggcc	300
caccttgcca	ctgggctttg	gactccagcc	ctgacagggc	ccagccacac	tggctctgcc	360
cctcgaa						367

<210> 2678

<211> 349

<212> DNA

<213> Homo sapien

<400> 2678

tacggctgcg	agaagactac	agaagggatc	aactttctta	gttcaggcca	cctgcaacct	60
ccttctagta	gcaatcacac	ccccagcagc	ctggaactag	agtattctgc	caaagcagaa	120
accctgtcac	tctactcacc	tatataatga	ttttctgtga	acttaggtat	gaagttgaaa	180
atcctcaact	tgtcatacaa	ggctctttat	gttgctcctg	ctttagtggc	caccaatcta	240
ccacccatt	cactctccca	ctcccaaccc	tacacatgca	cacctcttc	acattcaatt	300
tcttctcctt	tctccctctc	cgctcagcaa	tactacatta	ctttcactt		349

<210> 2679

<211> 337

<212> DNA

<213> Homo sapien

<400> 2679

gctactgttg	ttagaagacc	acagaagggg	tctcaggtgt	gatgcatttc	tagcaagacc	60
aggctggaat	ggagaggggg	taaggacatc	cttcattcat	gaggggaaca	aagagtgttt	120
cccatccccc	catcccctcc	tcatcaaaaa	cttgaataata	atgcataaaa	taaacaatcc	180
atcaatcatg	gggaaatttg	aatcacatgt	agcataatgc	agggcatatc	tgtaaaagta	240
tcagtagagg	atactacaaa	tccccaaaag	cccaccatag	ccagagtgat	cgtcttaaac	300
cactaataagg	attacttcct	gaccgccttc	aagctttt			337

<210> 2680

<211> 470

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(470)

<223> n = A,T,C or G

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<400> 2680
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aaagtcgcca cagaaacatg cccctgattc agtgcctctg cttagctgta acatgttaat      120
cagaactacc tggcatcttc ctgaacaaga ctttcaatag gggccagtat gcttcgcttc      180
atccagaagt tttctcaagc atcttcaaag atactgaagt actctttccc agtgggacta      240
agaaccagca gaacagatat actttctctc aagatgtctc tccagcaaaa cttttcccca      300
tgtccaaggc cttggctttc ctcacatctt ccagcgtata tgagcaagac acagtgtctat      360
catacatccc cctgcagctt taaaaagcag cagaagcaag cacttctagc cagaccctca      420
agcaccatca cttacctaac tgacagccca aagccagcat tatgtgtaat      470

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<210> 2681

<211> 420

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(420)

<223> n = A,T,C or G

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<400> 2681
cgcacgagag agaaaacagg tggngagggg ctgattaaaa actatgcaca agtaggttta      60
acaaaaatac tcatgaaaat gttcggaaac tgaaatttaa acaactgtaa tattaaggaa      120
accagaatca ataaatcact gtcttgccag cacagctaca gagtaacatg attcagggga      180
ggaaaagttc cttacagtta cttttataat tctttttttt ttttctctct aggttaaaaa      240
ctctaacaaa tttaaacttt atctttttta acttatttga acatacttta gaatattgaa      300
cctctaaacc caaatgttta tagataccct cttatccata aacaaaaccc tgctaagcca      360
tggctctatt ttttttttgg cttatagagg ccggtaacag tttttttgca ccaatatatg      420

```

<210> 2682

<211> 440

<212> DNA

<213> Homo sapien

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<400> 2682
gcaggagccc atcgagctgc ttgtttgggc cgaagcggcc tacggctgcg agaagacgac      60
agaaggatcc tgaatgtgtg tgctactttc caccctcacc accaccaccc tagtccaagc      120
ctccacatca ctctctgcta cgatcctcca gcctctccca tgatggcttt ttttctgtcg      180
ctcagctccc agttctctgc tcttcacact aatcataaca tatcatttct acctccatgc      240
ctctgtgtga tctcttcccc aagtctagat tgctcatacc cctgggtccac acacagctct      300
tcttgacact cagatcctca acagtgactt tctgaccac ccaaactaat aaagatacta      360
gaaacttttc tcattctccc cccaccacct ttttttgaga cgcttttttg gggctctcact      420
ctgttgccca ggctgggtgtg

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<210> 2683

<211> 427

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 2683
 ggcacggata atcgntnttt nttaggatcc catcgcttcg aattccgttg ctgtcgctcg 60
 atccaaatct cgggagatac gccatcgcca caggtcccgc tccagcagcc gtagccgcag 120
 ccgtagccac cagagaagtc ggcacagtgc tagagatagg agcagagAAC gatccaagag 180
 gaggtattga tgtgtcaatc agaggatatg gagctacctt aatgttttag agttgtttat 240
 gtttacttat gttacttatg tttatagcta cagattattg gtttgaatct ttcgcatacg 300
 gtgctatgtt cacatttatg tgcgggtgca caacattttt ctgtgattat atgggtaact 360
 atgactgaat atacttatga agccgagcac gacattgtaa ccaatatgtg tagagggtat 420
 tgctttt 427

<210> 2684
 <211> 468
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 2684
 gcaacagaga tgtaccngnt tnnncgaaga tcccagcgat tcgttatttc gttgctgtcg 60
 ggaaaactgt aagaagttaa cccactctg attattccac cattgccaga gaagtttata 120
 gtaaaaggaa ttttggaacg ctttaacgan gacttcattg agacacgcag gaaggcttta 180
 cataaatttt tgaaccgaat tgctgatcat ccaactttta catttaatga agacttcaaa 240
 atttttctca ctgcacaagc ttgggaactc tcttctcaca agaagcaagg tcctggcttg 300
 ctaagcagga tggggcaaac cgtcagagct gttgcgtcct caatgagagg agttaaaac 360
 cgccagagg agttcatgga aatgaataac tttattgaac tatttagcca gaaaataaat 420
 ttgatagata aaatatctca gagaatttat aaggaagaaa gggaatat 468

<210> 2685
 <211> 419
 <212> DNA
 <213> Homo sapien

<400> 2685
 ccttggagtt attttccacc aaatgtgaca aaattcaatt catttgcaat tcatggatca 60
 aaagataaac gaagttatga agctctttat cctgtacctc agcatgaact gcagcaagga 120
 caaaaacctg atttccattg cctagaatac ttcaagtctt tcaattttta cacactgctt 180
 ggagaagagt ggaaacaacc ggaatcagac ctgtggctaa tagagaaatg tgatatatag 240
 gagtaataga taaccatacc gatcattttt tctctatata cttttaagat aaacaaaaaa 300
 taaatatcaa ttttttaaga tgtcatgcat acatttcaac aacaaatatc ttcatagaag 360
 tctctgaaaa tatagtatct gtggcgaatt gtatatgatt aacaagaaaa tatatgatt 419

<210> 2686
 <211> 428
 <212> DNA

gtttaaaact	tttgacaagt	ggtagtccta	ctgtttacac	tcacagttaa	tgttcatacc	60
tagttttata	agctgttctg	taacatagtg	tagcaaaaaa	aaaagttaa	gtcatgttat	120
acagggtgtg	caaaaaggat	cttggtcatt	aagtattgtg	cagtgcatta	tttattatcc	180
ctagggaqaga	tgaattttga	gagggtgatca	tgtcttttta	aggaaaactta	cataatgctc	240

tgcttttttt	tttcttttgg	acccatgggt	attataataa	aaagcatttt	gtacctgagg	300
ggccctaattg	gaaaaaagtg	ctgctcaaag	gaagtatgaa	gttatatatt	aaatttttta	360
attttaattt	ttaatttttt	tgctgtgaag	g			391

<210> 2690

<211> 416

<212> DNA

<213> Homo sapien

<400> 2690

ggcaccaggt	gtgtgtgtgt	gtgtgtgtgt	gtgtataaaa	ccaaaatgtg	tgacacaata	60
aatgctggca	cagctctgat	ttctttttaa	aagaaaatta	aaataggagt	tctggttcta	120
attattagct	attagctact	tctgaaattc	agaaagtacc	ataattaggc	taaagggtta	180
tataatatgt	agtgaatctt	caatgtaata	ccatatactc	tgctattttt	ctttttctaa	240
ttagttgtgt	tacattagta	accaggccat	gccaacacaa	gtattccagt	ccatgtgatg	300
atattttctca	atgtaaatta	ataaactgaa	attctaattg	taaacatttt	ttcataaatg	360
tagttagaga	cccctctgaa	agacaaagca	gcttttgcca	tgctgaccaa	attaga	416

<210> 2691

<211> 412

<212> DNA

<213> Homo sapien

<400> 2691

ggcacgaggg	ctagagtaag	atgataatat	aggtgagggg	ttgtagggat	aagaaggaaa	60
gaggagcagg	ggaggaaaga	accctgagga	accaaatacat	attaggagac	gaggtgaaaa	120
tggtactgag	ggagtctgta	ggaagcttag	caggaaaatg	gtgtataaga	acttagggag	180
gagagtttcc	tgaaggaggg	gcagtaattg	cagtatcaaa	tgctacagag	aggagaggca	240
tgatgagacc	ttacaataag	ccttttcattg	tatttgctct	ttggggggcca	gtgagaaggg	300
aaaactgagg	gtggtggagg	ctggaagcta	gatcatgatg	agctaaggag	tgagttggag	360
ttgagctatt	tagactagtt	agagctttga	tttaaataatt	tggtagtcac	gg	412

<210> 2692

<211> 368

<212> DNA

<213> Homo sapien

<400> 2692

tacggctgcg	agaagacgac	agaaggagg	aaaggctcagt	cagcctgcac	ttgcaatatc	60
agaatcagct	tgctcctagt	ctagtgacaa	tccttctcac	tgggagatct	gggctgcctt	120
tctgagggca	cactgcaaag	gccaccttct	catctccctc	tggcctgcct	gtcagctctc	180
agagagctga	atgggccttg	ccaccaacag	tctgttgtgc	ctttctgact	gtgacacgaa	240
tgactaccac	cgcaaagaag	ggctccgtgt	cacgagcgct	cctagctggc	tctccgtctc	300
gggtgtccca	ccacgggaac	ttgagaagaa	gctgaacctc	tcaaggcttc	cggtagctgt	360
ctttaaac						368

<210> 2693

<211> 388

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(388)

<223> n = A,T,C or G

<400> 2693

gtgaaaagtg	ctcatctgtg	aactctatag	caaattatat	tttagaaaat	actttgtgag	60
gccgggcatg	gtggcagagc	gagactccgt	ctcanaaaaa	aagaaaagaa	aagaaaatat	120
aaggatgtaa	aagaagcaat	ttgcttgac	atctgaatat	ccttcttggtg	tctccatttt	180
cactcttgaa	aactgaaagc	aatttgactt	ttatttttgt	ttttctaaag	aacagctagg	240
tgaaggagg	ttaagctgat	tgtcactctg	cctgcccact	acctactccc	caccatgggtg	300
tttcatgaaa	catccccacc	acctgaagtg	atctttttta	tccttgatgat	agtaaagtga	360
ttgataatta	acaggaaaaa	catgtttt				388

<210> 2694

<211> 377

<212> DNA

<213> Homo sapien

<400> 2694

tacggctgcg	agaagacgac	agaaggggatg	aacagcagaa	gagaattatt	ctacaataag	60
aaatcaattg	gtctctcaac	tgagaatcac	tagcaagaaa	ctggtaaacc	aaccaacaag	120
tgggtaaagg	aaatgtgaaa	ttatataact	aaataaatac	acacaaacac	acacacacac	180
acacacacac	acacacgcac	acacacaagc	acacaccata	gaatactact	caaccacaca	240
aaggaaggaa	ataatagcat	ttacatttgc	agcaacctgg	atggagttgg	agatcattat	300
tctaagttaa	gtaactcagg	agtggaaaac	cacatctcgt	atgttctcac	ttataagtgg	360
gagctaagct	ataagga					377

<210> 2695

<211> 380

<212> DNA

<213> Homo sapien

<400> 2695

ggcacgagag	acagtctccc	cctcagatgc	catgctccca	ctgtaccacc	atgtactgct	60
tcttgagatc	tctgttctct	tcagtcgacc	cagctgacac	ctgtttcctt	cctaactcca	120
actaattaat	tccagcta	ggaattgact	ggaattagtg	acattaatat	ttactgagca	180
ttccccatgt	gtcatcagag	ctgtgctaaa	tgctttacaa	gaataattac	ctgccataaa	240
gcaaccctat	gacatagggtg	ctactatgcc	cattttgtag	atgagacagg	ttcaggggag	300
ttagtatcac	cttcaagtca	tacagtggct	aacaatctgt	ggtctcgctg	aatgctgggc	360
gcctgctctg	ctaagtctac					380

<210> 2696

<211> 399

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(399)

<223> n = A,T,C or G

<400> 2696

atcggcacga	gattgattgc	tgttgcgga	acttgaggtt	acttacagaa	tgaagcacat	60
tttttacata	cagtacaaat	gagtgtgtgc	tttttaaagt	gattttaaagt	tcaaagtcaa	120
atctgcagtt	taatctccca	agtgctgatt	tttctatgta	taaagtagga	gagtgcacaa	180
gcgtatcaca	atgaggggct	agggagaaacg	tgtatgtgac	ctctagtacc	tggcatgtaa	240
cagacactca	gtattacact	cctgctatct	ctccagagca	gggtgaaacag	acggccagga	300
agcacacgaa	gagacactca	gcacactctgc	ttgttaagga	agggtgcaaat	caaaaccaca	360
gtgagacgcc	acttcacacc	tacaagtctcg	gctagatan			399

<210> 2697

<211> 408

<212> DNA

<213> Homo sapien

<400> 2697

cggtgctgtc	gctggagaag	cagccttata	cagttgattt	tgtgtatgtg	gctagtctta	60
ttgtcactat	gtaagtaatc	caatgggtttt	agaaactaaa	ctttctagag	caataaaagt	120
actataatgt	taagtaaaca	taatgttgat	ttctaattat	gttttaaaaa	atgaagtctt	180
gaattatata	aagaaaatct	ggcagctgaa	gtcatgttta	ttttgaagct	gttagttttt	240
tcctataatt	taaaaagatc	tttttagattt	atagaagagt	cagaaatgta	caagagagtt	300
tttttggtgt	tggttttggt	ttttgagaca	gagtcctgtc	ctgtcgccaa	ggctggagtg	360
cagtggcgca	atcctggctc	actgcagcct	ctgcctcctg	ggttcaag		408

<210> 2698

<211> 406

<212> DNA

<213> Homo sapien

<400> 2698

ggcacgaggg	aagcatttac	agttttaaat	ttcccagtc	gaataaattc	ttattgaggg	60
caatacctag	cctgtcttca	tcaaactcat	aggtgaatct	ttgtcaaacc	tataggagag	120
agatgcaggg	catagagatg	gtcttgctga	aggtcttata	gctaaattag	ttcagatcca	180
ggaaccagat	tctggaactg	attgcaccta	tattatgttg	tgtgtcagac	actcccagga	240
cctgtttggt	aataattagg	acagctgaca	tacttggtgc	taattttgag	atctgggcaa	300
caactgtgta	ggctgttctt	tcaacctctt	tcttcttact	tctttacttt	tccttcacag	360
aggagaaagc	caccctggg	gtatagccac	cgctccaatt	ctgact		406

<210> 2699

<211> 374

<212> DNA

<213> Homo sapien

<400> 2699

tacggctgcy	agaagacaac	agaaggggctc	tcaaactaat	caatcaaaca	aacaaacaaa	60
caaacaacaaa	agacactttc	tagaagagat	agtaacgata	tctacctcat	gaattaaatt	120
acttggtgtg	aattaagtgc	ttactagggg	ttaccacatc	attaactatt	attagtaatc	180
ttacagtcac	tattatcaaa	tatgtctcaa	aattaatgca	acctgtcagt	ctagtcacat	240
caaaagtgcc	acagtgtctt	ttggaaatta	aacaaaacaa	ttgcttaaat	gtgcatcata	300
cattcagagt	aattcttatt	caagcaagct	ggttttatat	tcatgacaag	cattttcaat	360
tttaatatgt	ttgt					374

<210> 2700
 <211> 406
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 2700
 ggcacgagga gagagagaga gaactagtct cgagagcagn nntttttttt tttttttttt 60
 tttttttttt tttttttttg ggcccccccc cccctttttt ttttttttaa aagtcccccc 120
 caaaaccccc cgggggggggg ggggaaaaaa aacccccctt ttaagggggg gggggaaaaa 180
 aaaagttttt tgggaaaaaa aaaaaatttt ttttattttg gggggcccc ccccccccc 240
 ccgggggggg gggggggccc ccccccccc taaaaccccc cccccctgg gtttttgggg 300
 ggcccccccc cgggggctta aaaagggggg gggggggggg ccccaaattt tcccaaaggg 360
 ggggctttat ggccccccca tccccaaaat gtgggggccc gggggg 406

<210> 2701
 <211> 395
 <212> DNA
 <213> Homo sapien

<400> 2701
 ggcacgagat ggtctcaatc tcctgaactc atgatccacc tgcctcagcc tcccatagtg 60
 ctgggattac aggcaattag aaggaccatg tgactaatct atatcatttt cttagagata 120
 aagctgagat ccaggaggct atgctaaaaga gacataggta actgtggcca agctacagcc 180
 agattccatg ttttaagact ctcagttcta tttttctggg tggggaaggg gaatgaaatt 240
 ataactttgc aactatcctc acttcttcct acctacccaa atagaaaagta gttcacgttc 300
 acaggacagt ggtctcatgg acttgtttct tttttctttc aaatgaaatc ctttaagaaa 360
 tctaaaaaca aatgagcaca gatgctctgg ctcaa 395

<210> 2702
 <211> 394
 <212> DNA
 <213> Homo sapien

<400> 2702
 tcacaatcca atatctgtgg aattcattgt gtatgtttgt gtatttgtgt gtaggtgtgt 60
 atgtgtgtgt gtgatacata catacatcac gtatcacaag acattgacct tatatattat 120
 gcactgtgat gtttttccgt ctttaatttt aaaaaacata ctgatcaca ccacaatttg 180
 gaaaatgttg ctccatacca tcccatacca acactcacca cctgcaaata atagcattac 240
 taggagctgc agtcacaatg aataaatcaa caattcgcta caagatctag gattatttgt 300
 gtattttgtt gagagtgcga gcgcgttggc gtgtatctaa taccattgta tctcattgtt 360
 gagactttgt taaaaatagg gtttctggtt tctt 394

<210> 2703
 <211> 376
 <212> DNA

<213> Homo sapien

<400> 2703

tacggctgcg	agaagacgac	agaaggggatt	atcctactta	ttattttatgt	tttacctcct	60
gtgtccaaca	cacacacaca	cacacacaca	cacacacaca	cacacacacc	ccttagaatg	120
gggctcctta	agagcagggg	ctttatgggt	cttatggagc	aagactttat	gggtccctgc	180
tcttatgcag	ggcctgttca	cctgcacctc	cagaacctgg	aacagtgtta	ggcacaaaat	240
atctgattaa	taaatttgcg	ctgaaagaga	gaatactcca	aaaggttctc	gtatgagtga	300
agtgaagatta	ttatctataa	agaattttgt	ggaggcatgg	caccaaataa	gcaccacaca	360
cacagtattt	ccagta					376

<210> 2704

<211> 407

<212> DNA

<213> Homo sapien

<400> 2704

ggcacgaggc	cagtggagct	aaagagctga	gatataatttg	taaatagagt	taataggatt	60
ttctgatgat	gtgggtctgg	ggatcagggg	agaggggacaa	tctactgcta	ctgaattact	120
ggtttaagta	actaggtagc	ctttattggg	aaagactgag	aggggaactgg	tttgtggggg	180
aaaggactat	gtttcaaggc	atgttaagtt	ttagatatct	ttgagatatt	caagtggaaa	240
tgatcatata	gaactggaaa	caaagtccag	gactcagaag	acagggtttaa	aattaagagg	300
caaatttttag	agttatttagc	atacagataa	tattttcaaat	ttaaaaagttt	tttaaataat	360
aaatatctgt	ataattatag	aatcacaggg	gatttgcaaaa	ataatac		407

<210> 2705

<211> 389

<212> DNA

<213> Homo sapien

<400> 2705

ctccagcctg	ggctcaaaaa	agaaaaataa	attaagggcc	cgttctttct	caaagccttt	60
gggggcctcc	gggggccctc	agaaaacat	aaaggggcct	ttgaaaaact	ggggcctcct	120
gggaaccttt	ggaaaaaaa	gtaaggggtc	ctttaaaggg	gatcctgttt	tgaaaaaatc	180
gcccacttcg	gggccccac	tttgaaaaag	ggggccgtgg	gttttcctta	cagggctcca	240
aaccaatttt	ttttcccta	agttttttt	tgggcctcgg	catttaatat	tccaccgggg	300
ttttccaagg	cggggttaaa	aaccacccaa	acctgccag	ggccaggggc	tccccctga	360
atccccaaaa	ctttgggggg	ctaaaacgg				389

<210> 2706

<211> 376

<212> DNA

<213> Homo sapien

<400> 2706

tacggctgct	agaagacgac	agaagggcat	ttagaatggg	gaatattgtt	gcagccaact	60
ttgaaaaata	gcttctgcca	cagacactct	ataagaagta	ggttctgtga	ggatgggatc	120
ttcttatgga	gtgttagtca	tcaatggagt	ggaaagaatg	cagtcaaatc	tgacacctga	180
gactgtatag	tagtgaggct	gattccttaa	aaatcacacc	agaactcggc	caggagtggg	240
ggctctcacc	tgtaatccta	gcactttggg	aggccaaggt	gggcagattg	cctgagctca	300
ggagttcgag	accagcctgg	gcaacacggt	gaaaccccg	ctctactaaa	atacaaaaaa	360

aaaaaaaatt agccgg

376

<210> 2707

<211> 375

<212> DNA

<213> Homo sapien

<400> 2707

tactgctg	agaagacgac	agaagggtat	gtcaaatacct	acttttaaata	tgaaagtaat	60
caggatcaga	gaaattacat	gccagaaatt	cacaggattt	ataggtagag	caaaataggt	120
cagaaatcta	tactactccag	accgagaata	tatcccgaag	tcagcagttt	atatgaggag	180
tcaactggaa	atcattgcaa	gtaaagaaga	gctagattaa	tcgctatcct	taaagaataa	240
actaggcaga	aacattagaa	cagctgcttt	caaagtgttt	cagaactagg	tataatgggg	300
gaaagaagct	caggatattt	agaggtaata	ctcttttttt	attcctattc	ttatttaaga	360
gtaattaaca	gcgag					375

<210> 2708

<211> 413

<212> DNA

<213> Homo sapien

<400> 2708

ctctacgtc	tcctatttgt	ccccctttgg	ctttccttac	taactttaat	ggccacaaca	60
tttaggcgaa	agggggggcaa	tcattgggtgg	tttggcattc	gcagagactt	ctgtcagttt	120
ctgcttgaaa	ttttcccatt	tttaagagaa	tatgggaaca	tttcatatga	tctccatcac	180
gaagatagtg	aagatgctga	agaaacatca	gttcagaaag	ctccgaaaat	tgctccaata	240
tttgaaaaga	aggccagagt	agttataacc	cagagccctg	ggaaatacgt	ccccccccc	300
cccaagttaa	atattgatat	gccagattaa	actcctagag	aggacccagg	cacacacaga	360
ctccacttgg	ccttcgcctc	ttgttcattc	atcccaaacc	tggaaatgga	aac	413

<210> 2709

<211> 395

<212> DNA

<213> Homo sapien

<400> 2709

ggcacgagac	gtcattggaa	tggtgggttt	gtttaagcat	ttctggcttt	ccatcatggt	60
tcatactgaa	agtactgtag	atgctagcta	acctctgccc	tttttaagaa	taaacctttt	120
ttttaaactt	aagaactaaa	gctgagattc	tcctattctg	ttgttgaggg	gcttcctgca	180
tgcccgccca	ttttatcaca	gcaatttgag	aagttttctt	tttggtttct	gacaacaagc	240
atttggggag	aaagccaggc	ataaattagt	tacgatagtt	gggttttaat	gtttctccag	300
tgaaaatttg	gactttttct	tttcccttat	agaatgcata	attaaaacag	actattattt	360
tgaaatgaaa	tattgaatat	taacaaaaat	aaaat			395

<210> 2710

<211> 383

<212> DNA

<213> Homo sapien

<400> 2710

ggcacgaggc	ataagctgcc	aaaccaaggt	gaggacagac	gagtgccaca	aaactgggtt	60
------------	------------	------------	------------	------------	------------	----

cctatcttca	atccagagag	aagtgataaa	ccaaatgcaa	gtgatccttc	agttcctttg	120
aaaatcccct	tgcaaaggaa	tgtgatacca	agtgtgaccc	gagtccttca	gcagaccatg	180
acaaaacaac	aggttttctt	gttggagagg	tggaaacagc	ggatgattct	ggaactggga	240
gaagatggct	ttaaagaata	cacttcaaac	gtctttttac	aagggaaacg	gttccacgaa	300
gccttggaaa	gcatactttc	accccaggaa	accttaaaaag	agagagatga	aaatctcctc	360
aagtctgggt	acattgaaag	tgt				383

<210> 2711

<211> 386

<212> DNA

<213> Homo sapien

<400> 2711

cgttgctgtc	gggccactcc	tccctccgtc	cacctgtcac	ttcgggtagc	tgggaggcca	60
ggtgaggggc	gcgcacgggg	gaggggctgt	catagttgag	acagaaaccc	ggaagaccca	120
actgtggcgc	ggcactgctt	gaccgagggg	ctccggagcc	cagctgcacc	ggctgcggtt	180
tgagcgccca	gggcccgggt	gcgggggtga	ccgcggcgcc	ccttcgacca	aaggtgcttg	240
aagctcgagc	ccattacttt	ctgtggactc	tgactcgagc	tgcaaaagct	tttctgact	300
ggttttctca	tctatgttat	gaagataata	attccggccc	taaccgtagt	atgcttgcga	360
gaatccaaca	atatgatgtt	tctgaa				386

<210> 2712

<211> 382

<212> DNA

<213> Homo sapien

<400> 2712

tagggaccag	cgtagtccct	accttttttt	ttcatgagac	aagcgaagac	cacagaggag	60
gtgtggcttc	atcaaaaacc	cactgagaac	gagtgttaga	atcaggctag	gacacattgg	120
actcctcctc	cagggctctc	tgacatccaa	ggccctttga	aatctctctc	cacctgcgaa	180
cagatttcta	gacttctgat	ggaggtgatc	tgagatgaac	aggctctaaa	agcagcctct	240
gcgagcctct	tagagcagcc	gggacctgct	ggagaacaga	acatggccta	tgagcgcaac	300
agccaagtgt	tcagcaccac	ggacagcttc	tctggcctat	tgctggggag	gccacagggtg	360
gggaggctgg	ttgtccaaca	cg				382

<210> 2713

<211> 409

<212> DNA

<213> Homo sapien

<400> 2713

ggcacgagga	gagagagaga	gaactagtct	cgagagcagc	tttttttttt	tttttttttg	60
gggggggaaa	ttttaaaatc	aaaagggggg	ggggggccac	ccttttaatt	gccgggcccgg	120
gggccctctt	attttattat	tgctgaaaag	gttgcttgaa	cccaggtttt	ccccatccc	180
ttaggaggga	ttccccccct	ccctgaaaag	ggggggccca	cccctaaagg	ggggggggggg	240
gggggggaaac	aaaaccttgt	cgttgcagcc	cctgtgggtt	ttcacctcac	ttgggggaacc	300
ccataaaagg	ggccgggtta	acaaaccctg	gttaaaggac	atttaagaat	ggaaaaggggg	360
gttggccaaa	aaaaacccaa	tattttctcc	tgtggcgcttc	acccccccc		409

<210> 2714

<211> 408

<212> DNA

<213> Homo sapien

<400> 2714

ggcacgagct	gccctcggtc	cgcgccat	aggacgactg	ccagggtcatc	acggccccgcc	60
tggcccaaca	gctgcggcag	cgcttttaggg	agggcggctc	atgcgccccg	gagcaggcaa	120
agtgcgtgga	gctgctgctg	gccctgggcg	agcctgcgga	ggagctgtgc	gaggagtttc	180
tggcgcacgc	ccgcggccgg	ttggagaagg	agctgagaaa	cctggcctgg	ccgagttgct	240
ggccaatgtg	gccagctcca	tcctgagcca	cattaaggcc	tctctggcag	gagtgcacct	300
tttcaccgcc	aaagaggtgt	ccttctccaa	caagccctac	tttcgggggtg	agatctgcag	360
tcagggtgtg	cgtgagggcc	tcacgtggg	cttcgtacac	tctatgtg		408

<210> 2715

<211> 377

<212> DNA

<213> Homo sapien

<400> 2715

tacggctgcg	agaagacgac	agaagggcta	aggtctgtat	tgccagtagt	actgaattga	60
ggtcttaa	tccacaagcg	taattacaca	actatgtgat	aaactgcaat	atztatccat	120
tcattaaact	gtaaaactctt	tgcagtctca	ccacagtttc	tcttactagg	atctagaaat	180
atttcctatt	gtaggctggg	tgcagtggct	cacgcctgta	atcccaacac	tttgggaggc	240
tgagaagggg	ggatcacgtg	agggcaggag	tttgagagca	gcctgtacaa	cgtgggtgaaa	300
ccctgtctct	actaaaaata	aaaaaattgg	ccagggtgtgg	taacacacac	ctgtaatccc	360
agctacctgg	gggctga					377

<210> 2716

<211> 388

<212> DNA

<213> Homo sapien

<400> 2716

ggcacgaggg	cacatggtag	cgggtcagcg	aaaagcccag	tgctggaccg	tgggacaaaa	60
tgggaacaga	gcagctagca	ctgtggagat	gagaaggggc	tgagattaga	ccgaggggaag	120
gagggagtac	ctgacaggct	tccacaagcg	gaaggctcag	cgaaagaagg	cagccattga	180
ggagattaag	cagcggctga	aagaggagca	gaggaagctt	cgggaggagc	gccaccagga	240
atacttgaag	atgctggcag	agagagaaga	ggctctggag	gaggcagatg	agctggaccg	300
gttggtgaca	gcaaagacgg	agtcggtgca	gtatgaccac	cccaaccaca	cagtcaccgt	360
gaccaccatc	agtgaacctg	acctctcg				388

<210> 2717

<211> 396

<212> DNA

<213> Homo sapien

<400> 2717

ggcacgaggg	ggaactgggg	tccggaggac	gccccacgcc	tcttggccag	ggcctccctg	60
atcatgctcc	cgtggccact	acccctggcc	tcctcgggcc	tcaccttgct	cttcgggggcc	120
ctcacttccc	tgttcctctg	gtactgctac	cgcttgggct	cccaagacat	gcaggcccta	180
tgggctggga	gccgagctgg	gggtgttcgt	ggtgggcctg	tgggatgctc	ggaggccggc	240
gggccaagcc	caggggggtcc	tggggatccc	ggggaaggac	ctaggacgga	aggcctagtg	300

agccggcggc ttcgggccta cgcaaggcgc tactcctggg ctgggatggg tagagtgagg 360
 cgggcagctc aggttgggcc acgccctggg agaggc 396

<210> 2718
 <211> 386
 <212> DNA
 <213> Homo sapien

<400> 2718
 cgttgctgtc gagcgtgggc cgcagcacca ccagggccga ggtggacctc gtcgtgcagg 60
 gcctgaagca ggccgtggcg cagctggagg accaggccta gcactggggc cgccttcccc 120
 accccgtttc tgggaagccc gtggcagggc acagggttgt ccctccagtt ccctcctgag 180
 ggctgtgcca ggatgactgt ctcatgcccc ctctgcattt tgtcctggag tgccagcgag 240
 tgtgcacccc cagtttcctt ccctggaacc ctgcagagct cacaggggcc aggacaccaa 300
 cgccgcatag gaccgcccac atgggaacgc ccacatggga ccgcccacat gggaccgccc 360
 acatgggacc gccacatgg gaccgc 386

<210> 2719
 <211> 371
 <212> DNA
 <213> Homo sapien

<400> 2719
 cggctgcgag aagacgacag aaggggtcta gaagctgaat tagttgcact atccccctgat 60
 cagaagggtg gtttaggcag gcattttccc cctgggtttg gatctcttgg ccccaaagcc 120
 atgctgagga cagggtgctt cctgcctagg ctacctctcc cggcctgtcc ctggctccct 180
 ccctgcccac ccctggctct ctccctgccc cagggttagag gtggaatgag ggtatgagag 240
 aatagcctga gacacaggca agggcatggt tgggagggca gtccaggagg gtgggactga 300
 tcttgaccct gagtctgtat gtcatggttt tttcttctct acttcttctc aggaactgct 360
 gtgggttttt g 371

<210> 2720
 <211> 389
 <212> DNA
 <213> Homo sapien

<400> 2720
 tacggttgcg agaagacgac agaagggtca tgagtcaact tacatagatg accacaggtt 60
 cccgcatggg atcttgacat ttagaatatt ctggttgaaa gtggaggcag gaccatagca 120
 gagggatgaa gtcataggac aacgaaggcc tgttctcgac tacacagtgg ccaattcctg 180
 tttctgtggg agtgaccacc agccccaccg gctgggaggg agtaagtgg gatggtatcc 240
 agcagaagtt tctgagaaa cccgtggagt gtccatgat agccttgtgg acctgctccg 300
 tgtgtgtgcc ctacactttg tgtgtgtgat tttgcatgtg tatgtgtgtg cctgtgtgag 360
 tgcacatgtg tggtgccatg tgtgcatgg 389

<210> 2721
 <211> 404
 <212> DNA
 <213> Homo sapien

<400> 2721

ggcacgaggg	ttacagggct	ccagatcagg	gagggccttg	tgacttgta	ctctgagtga	60
gatgggaagt	aactggggag	gctgatgcga	ccagagatgt	tttaacaggt	tccctctggc	120
tgccgtgttg	agaaaagact	gcaaggggga	aggggtggaag	cgaggagagc	agtttgagg	180
ccctttgcag	gaatacaggg	gagaccaggg	ggtggcagtg	ggaggggtgag	aagtggtcag	240
cccaggccca	ccacagaacc	acctctggca	ctacaattcc	tgtttgatgc	aaggatggct	300
gcttttctta	cctgtcaccc	tgtgatgtga	aatcatgcat	ttagagcaac	ttggtaaata	360
ttaatttgtc	aacaaatatt	agctattaat	atcagtatta	agcc		404

<210> 2722

<211> 384

<212> DNA

<213> Homo sapien

<400> 2722

ggcacgagag	tacctgacag	gcttccacaa	gcggaaggctc	gagcgaaaga	aggcagccat	60
tgaggagatt	aagcagcggc	tgaaagagga	gcagaggaag	cttcgggagg	agcgccacca	120
ggaatacttg	aagatgctgg	cagagagaga	agaggctctg	gaggaggcag	atgagctgga	180
ccggttggtg	acagcaaaga	cggagtcggt	gcagtatgac	cacccaacc	acacagtcac	240
cgtgaccacc	atcagtgacc	tggacctctc	gggggcccgg	ctgctcgggc	tgacccacc	300
tgagggaggg	gctggagaca	ggtctgagga	ggaggcgtca	tccacggaga	aaccaaccaa	360
agccttgccc	aggaagtcca	gaga				384

<210> 2723

<211> 403

<212> DNA

<213> Homo sapien

<400> 2723

ggcacgagga	gagagagaga	gagagagaga	gagagagagt	tagagagaga	gagagagaga	60
gagagagaga	gagagagaga	gagagagaga	gagagagaga	ccccctctct	ctctgagagt	120
gtgtgtcact	ctgagtctgt	gtctctctgt	gcgcgagaga	cccccccccc	cttctcttgt	180
gagcgcgcgc	tctctctata	gagagggggc	cctcgcaccc	ccccctcttt	ttgtgtgtgc	240
ggcgtgctct	ctcgcggggt	gcgctctctt	ttgtgctaga	gaccgccttc	tctttttcac	300
acgcaccccc	ctcttttttt	tgtgccccac	cctctctctc	gtgtgggggtg	tctctctctc	360
tcccgcgagg	ggtgtctttt	tttctcttcg	aggctctctc	tgt		403

<210> 2724

<211> 397

<212> DNA

<213> Homo sapien

<400> 2724

gaggatcaaa	gtctgggtgta	gaaataacag	cggtgaagag	tttgactgtg	ctttccgcct	60
ggcacaggag	ggattatatt	cattgtatcc	atttattaac	tcattaatta	ttactgtatc	120
aatggaagat	gatttgatac	tgttcaccca	ggaaaatccc	tttttttagaa	aactcagcag	180
taagacctac	agatcagcaa	aggacctgac	aaagggaacc	atcgtgctga	agtatgaacc	240
agattctgtc	aatccagacg	ctctgcagag	tcccatcgct	ttatgcggat	ggcgatgaaa	300
ggcctccatt	ccaacttttg	tgccctagaa	tgaacggctt	cattatctca	agatgatgga	360
gctggaggta	ttgggagaaa	agaacaatga	aggagtg			397

<210> 2725

<211> 392
 <212> DNA
 <213> Homo sapien

<400> 2725
 ggcacgagggc tgccacagcc cctccaagca gcagcaagcc aggccctcca ccacagagca 60
 agcccaactc ctctttccga ccgccgcaga aagacaacct cccaagcctg gtggccaagg 120
 cccagtcctt gccctcggac cagccgggtg ggaccttcag ccctctgacc acttcggata 180
 ccagcagccc ccagaagtcc ctccgcacag ccctggccac aggccagctt ccaggccggt 240
 cttccccagc gggatcccc cgcacctggc acgcccagat cagcaccagc aacctgtacc 300
 tgccccagga cccacaggtt gccaaaggtg ccctggctgg tgaggacaca ggtgttgtga 360
 cacatgagca gttcaaggct gcgctcacga tg 392

<210> 2726
 <211> 402
 <212> DNA
 <213> Homo sapien

<400> 2726
 ggcacgaggg ttactcccag gtgaccaggt ggctgtagg aaaccaagg ctgctatatg 60
 accggagctg gatggttgtg aatcacaatg gtgtttgcct gagtcagaag caggaacccc 120
 ggctctgcct gatccagccc ttcacgcact tgcggcaaaag gatcatggtc atcaaagcca 180
 aagggatgga gcctatagag gtgcctcttg aggaaaatag tgaacggact cagattcgcc 240
 aaagcagggg ctgtgctgac agagtaagta cttatgattg tggagaaaaa atttcaagct 300
 ggttgtcaac attttttggc cgtccttgtc atttgatcaa acaaagttca aactctcaaa 360
 ggaatgcaaa gaagaaacat ggaaaagatc aacttcctgg ag 402

<210> 2727
 <211> 411
 <212> DNA
 <213> Homo sapien

<400> 2727
 ggcacgagag ccaatgaggg ttttgctgt cagcagtga cccattccat tcagctttac 60
 agcaaggctg tgcagagggc ccctcacaat gccatgcttt atggaaaccg agcagcagcc 120
 tacatgaagc gcaagtggga tggtagaccac tatgatgcc tgagggactg cctcaaggcc 180
 atctccctaa acccatgcc cctgaaggca cactttcgcc tggcccgtg cctctttgag 240
 ctcaagtatg tggctgaagc cctggagtgc ctggacgact tcaaaggga atttccggag 300
 caggcccaca gcagcgttg tgatgcattg ggccgcgaca tcacagctgc cctcttctct 360
 aaaaatgatg gtggtgagtg ggcactgagg agggggtgct gttactcttt c 411

<210> 2728
 <211> 402
 <212> DNA
 <213> Homo sapien

<400> 2728
 ggcacgagat gggcaccata accaggaggt gggctactgc cagggaatga attttatagc 60
 aggatatctg attcttataa caaataatga agaagaatct ttttggctgt tagatgctct 120
 tgttggaaga atactaccag attactacag cccggccatg ctgggcctga agaccgacca 180
 ggaggtcctc ggggagctgg tgcgggcgaa gctgccggct gtgggggccc tgatggagcg 240

tctcgggtgtg	ctgtggacgc	tgctgggtgtc	ccgctgggttc	atctgcctgt	ttgtggacat	300
cttgcccgtg	gagacagtgc	ttcggatctg	ggactgtttg	tttaacgaaa	gctcgaagat	360
tatcttcccg	gtggccctga	ccttaattaa	gcagcaccag	gg		402

<210> 2729
 <211> 359
 <212> DNA
 <213> Homo sapien

<400> 2729						
tacggctgcg	agaagaccac	agaagggtaa	gcaccatatt	agaaagctct	gaatttccat	60
gtgataagtt	tgtaggctaa	agggggcaaat	gctttaggaa	aatttcgtag	caatatgttt	120
ggtgttttaa	gtaggggaagg	tctgagttag	agattgcagc	taaaagctgt	ttattactaa	180
agtgaaggcc	agttatcagg	aggatctgaa	caggggaagga	aaatgggctg	aaatcacaag	240
tttgagttga	cagctgaatg	tttctagggg	gtcaaataatc	cctaggattc	acattgagtt	300
aactgggagt	ggcaagttga	ttgatagtag	tgaggacaga	gagacagtca	aagaaaggt	359

<210> 2730
 <211> 347
 <212> DNA
 <213> Homo sapien

<400> 2730						
tacggttgcg	agaagacgac	agaaggggtt	ttgttttttt	aattctaaaa	aaaaacaaat	60
gttaggccaa	acagatccct	agatcccact	cattgattct	ggcggatttc	ctaaagtggg	120
gcttaggggg	tcagaatttt	ctggatcttt	gctaatacaa	gcttttagatt	taatttaacc	180
aggaccacat	gcttgtcctc	tctctgatgc	aaattttcaa	aatcatttta	atttagattc	240
taatgtctgc	ctgggttttt	aacaggctgt	gaaccagtga	gtgccttggt	aatgtagaat	300
gatttttccc	ccctgggtgg	gtggtagtta	gctcctctct	gaaaaatg		347

<210> 2731
 <211> 342
 <212> DNA
 <213> Homo sapien

<400> 2731						
tacggctgcg	agaagacgac	agaagggcag	attaatgtgg	tttttcagga	aaggacttag	60
gtgaactgag	gtttttacca	caggcagtga	atgaccttgg	ttcaccaaat	ttgcctctgt	120
tttgaggggc	ttgggtccaga	gtgacttggt	aattttactct	aacttccttg	tgtgttgatg	180
ggtaagtaca	ctcaaact	gaatacaggt	gtgtgatggg	tagatttcac	agcccttcta	240
ctaatagtga	gtgtgaaggc	aagcttgatg	caaaacctcc	tgacctttcc	tacctgaaga	300
gccctttgac	ttctaggaag	aaaggtcaaa	aatgttatct	tt		342

<210> 2732
 <211> 335
 <212> DNA
 <213> Homo sapien

<400> 2732						
tacggctgcg	agaagacgac	agaagggatt	gaataataaa	aatttaaccc	attgtttgtga	60
aggagcctca	gaatatcttg	atgttaacaa	aagagttctg	tatttacaaa	gttggagaaa	120

cactcatcaa	gagttaggag	taaggcccag	tgtgggggttc	cctctggtaa	taccagcatt	180
ttggggaggct	gaggtgggag	aatcacttga	ggtcaggagt	ttgagaccag	cctggccaac	240
atagcgaagc	cccatctcta	ctaaaaatac	aaaaattagc	cagctgttgt	ggtacgcacc	300
tgtaatccca	gctacttggg	aggctaaggg	aggag			335

<210> 2733

<211> 345

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 2733

tacggctgcg	agaagacgac	agaaggggctc	attgactata	gtgctgccaa	gtaaaaatat	60
cttgggaact	cttctactag	aatggccttc	agggcttggc	atgttccttt	ggtttaccct	120
tagagatgag	aaatcctcct	cctttgagga	tggatttaag	ttctggaaat	aatctcaagt	180
gcttgatagc	acagctggat	gaaaaaagat	ggcaattaag	gtaagttaca	ccatttttgt	240
ttctaaaaaa	tcctaagaa	atttcttgga	atgagtcctt	ggcctcagag	cctctcaaag	300
tgtccacttc	aaggggggat	catectcatt	agcacacaga	ttttn		345

<210> 2734

<211> 336

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 2734

tacggctgct	agaagacgac	agaaggggtgt	gaccttgggc	aagtgacttc	atTTTTctaa	60
gtctgttttg	tcttttatga	aatgaggata	ataatagcac	taacctcatg	gtcattggga	120
ggattgagat	aatgctaaaa	gcatccttag	cacagggtct	ggtaatttaa	taaaggttta	180
ataaatatta	ccatatgatt	cttattactg	tgaacagtta	agaaatagta	aagtgatata	240
taatgggtga	gtacgaggca	tgagaacaca	ggccaacgtg	atgaattgcc	ccatgaatag	300
tgctgtgtat	aaccctctcc	aggccagggtg	tcatgn			336

<210> 2735

<211> 356

<212> DNA

<213> Homo sapien

<400> 2735

ttatcggtcg	ccagaagacc	acagatgttc	ttctccactg	gcagctgaaa	agtctttgca	60
aagatccttg	accctgggct	cttccctatg	atttgccaca	taacacagga	cagcaccat	120
agacctacac	aacaaaatgt	acagttttcc	ccccttatcc	atgggggata	tgttccaaga	180
cccccagtga	atgcctggaa	gtgtggatag	tactgaacct	tagatatgca	gtgtctggat	240

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agaaggaaga ggataagagt aaaaggggga ataaagaatg tggaaggcac agagtacaga      300
gagtaaataga agggaaaaga agcaagtgga tatgatggag ggtggtaaaa ggaaaa      356

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<210> 2736
<211> 351
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(351)
<223> n = A,T,C or G

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<400> 2736
tacggctgcg agaagacgac agaagggagg gtgggggggag ctcaggctct aatgtgagc      60
ctcatcacag ttcttgtctt cagcagccca cccaaagccc tccttctactg cctgtcacca      120
ttttcatacc ctctagagtc acttatcaca aaagtaacaa tcacaatcct tggaaagggtg      180
tcactatacc ttaataaata agcagggtata catgtgtgga tttgtacatc ccaagagggtg      240
ggactgatga gagacagcag caccctattc ccccacaatc aatgaacaaa cctggtaaat      300
actctctcca tccctgtgtc ccttcagctc aaatattgtg actctctttt n      351

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<210> 2737
<211> 344
<212> DNA
<213> Homo sapien

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<400> 2737
tactgctgcg agaagacgac agaagggagg agaagataaa cagttacaag agccccagtc      60
gcatgaaaaa aaagtccaga atgctctgct cagaggagac ccaattttct gaatactgag      120
ccctgaggaa ttccaccact ggggtttccca taaatgagac cccctgtgac ctgggtgggcc      180
ccatccctcg gaagtgtacc ctggcatttc cataggactg ctctcttctg ggcctcttag      240
tgcaagccag cagtgcaatg ccacatccaa gtttggtaaa tcaattctaa gtgagataaa      300
ttaatgcctt ttttggggga agatgggaaa cagagtgggt ttgt      344

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<210> 2738
<211> 353
<212> DNA
<213> Homo sapien

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<400> 2738
tctacggctg cgagaagacg acagaagggc tggctctgaa ctctgacct caagtgatct      60
gcctgccttg gcctcacttc tttattttta accatctcat ccaaccttac aaaatacttt      120
caattcagtg accgcagcag tcccttcaat gctgcatgag cctgggtgcat gagcctgtaa      180
ctgttttccc tctcttaaga gcagtgtccg tttcttctc atcctagagt ctctgttgcc      240
tagcacagtg tggctaatag aggtgctcaa gaaacatttg ttgagtgaat tgcgtaaatg      300
gttataatca catctgaatt aataaataac ttaaaatgcc actgccgagc ttg      353

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<210> 2739
<211> 342
<212> DNA
<213> Homo sapien

```

<400> 2739

tacggctgcg	agaagacgac	agaaggggatg	tgtattatac	tcatatgtat	tacacaaata	60
tacatattct	acaaacaaaa	aaccctaaca	gccaccaagt	aatggggac	cttgtaacta	120
actgctcaac	cctaaagaaa	tcctcaaacc	caagtatcca	ctaaggctgg	attcaacaaa	180
tgttttttagg	gccacagtaa	atatttcagg	tttggcaggc	catatagtca	caattactaa	240
attctgccat	cacagcagca	aaagcagcca	cagacaatac	ataaacaaaa	aaacaaacgg	300
gtgtgctgcc	tgtgttccag	taaaacttta	tttatggaca	tt		342

<210> 2740

<211> 336

<212> DNA

<213> Homo sapien

<400> 2740

ttatggctgc	gagaagacga	cagaagggat	cagctttctt	agttcaggcc	acctgcaacc	60
tcctttctagt	agcaatcaca	cccccagcag	cctggaacta	gagtattctg	ccaaagcaga	120
aaccctgtca	ctctactcac	ctatataatg	atcttctgtg	aacttaggta	tgaagttgaa	180
aatcctcaac	ttgtcataca	aggctcttta	tgttgctcct	gcttttagtg	ccaccaatct	240
accaccccat	tcactctccc	actcccaacc	ctacacatgc	acacctctt	cacattcaat	300
ttctttctct	ttctccctct	ccgctcagca	atactg			336

<210> 2741

<211> 341

<212> DNA

<213> Homo sapien

<400> 2741

tacgtctgcg	agaagacgac	agaaggggtg	tgtgctgtac	aaaggaatgc	agagatatac	60
gtccgatgca	gctttcatct	tttgggactt	ggcttgcca	ttacttctga	ctttcctcac	120
tcgtcctctc	cttgcccacc	ccgcccgtg	tgcacccata	aatctgggtg	gcacccacag	180
atcctatgcc	gctctgcac	ccgagtgtcc	tgcagctgtg	tccagtgtgt	gacacactat	240
cctggcagtg	tgcaggccca	tgttgacag	ggccctgccg	cttccttggc	accttgtatg	300
ctttcagtaa	gcacttgctg	gacaaaggca	gaaagggctg	t		341

<210> 2742

<211> 340

<212> DNA

<213> Homo sapien

<400> 2742

tacggctgcg	agaagacgac	agaaggggatg	aggtggtggt	cctaggctgg	gatgggggat	60
ggtgcagtta	cttgattga	caaagcttag	gttggtgata	tgtagatggg	agatggagga	120
ggaagaatca	caggccaact	gaatgtggag	tcagaccacg	gtgttcagtg	gatcttttgt	180
gtgcatgttg	aaattgccac	aagtgatgat	ggaagtagtt	agtgggtgtg	gaaaggacag	240
tgaggggata	caggaattaa	atcttgaagg	aatgcttctg	gataatgagt	ttaatccaaa	300
aactcattgg	actaaatgaa	ttttgtccat	cgcttcaaag			340

<210> 2743

<211> 420

<212> DNA

<213> Homo sapien

<400> 2743

ggcacgaggc	ggacggtggg	caccggcccc	gccgccacca	cctcgctcac	aatctggcca	60
cttgggaaga	aaacgtctat	ttttttcccc	ttctctgcat	cacttttttg	gtttttgttc	120
tttttattct	tttatttttt	aaacccatga	tcttttttcc	tgtgtccaag	tgactgtgtt	180
gcaggcggcc	cggtctctggc	agggactggt	ggggacgcgg	ggagcggccc	aggccctgc	240
cccgcggggc	tcagcctccc	atgcgctcgc	gcttgccctgt	gtcccgggct	tgtctgtgaa	300
gtgggcgtga	agatcgttgc	caccttccaa	cctacctcac	aggggtgttg	tggggacacc	360
atgatctctg	gattgttcat	gtcgtcgtgc	tgcgccggga	gccaccgccc	tccggagact	420

<210> 2744

<211> 438

<212> DNA

<213> Homo sapien

<400> 2744

tgcaggatac	catcgagctg	gttgtttggg	cctaagcggc	ctacggctgc	gagaagacga	60
cagaagggct	tgggtggttg	aataggtaat	cagacaaaaa	ctaaatgaat	tttaattgtt	120
atgaatatag	actcactaaa	tcagtgaaga	cctgtgtaga	cacaaatcaa	gattttgtct	180
aaggatggta	aaaatacata	tctgggcctg	tggctgcctg	aaagttaaat	gagagttaaca	240
tatttttaaat	actgaataac	ttttgaaacc	agcacgacac	tacaactacc	attattacta	300
atagctaact	ttcaccgagt	acttacttga	gccaacattg	atctaaaccc	tttacattga	360
tctgagccca	tttaccgcag	agatgcaaac	aggatcagag	aaagcacaag	gtcatctttc	420
ctccctaggt	caactgaa					438

<210> 2745

<211> 420

<212> DNA

<213> Homo sapien

<400> 2745

ggcacgagca	gaaatgaaac	tgtcaaaaaca	tcgatcagta	caaggaaggg	acacagggct	60
tagaatgtcc	acagtcttgg	cagtggactt	ggcagttctc	ccagtaagca	gaagtacttg	120
agcttaattc	tgaacttcaa	agtaatat	tatactta	tttaggagtt	ttcattttaca	180
tattgaaaaa	tgccttgact	gtattcacat	aaatgggtgct	aaaacattgt	accctttata	240
agaactgcag	caatccacag	taatgttgg	tacttctgag	tatttgataa	aggaacaaa	300
tcaaaatgaa	tgtattta	aagcttctt	ctcattttcca	ttgtttttat	aaaaatat	360
tggtattgtt	gcctgcattt	tagccacttc	taactttttg	tattatgaat	ttggagagga	420

<210> 2746

<211> 424

<212> DNA

<213> Homo sapien

<400> 2746

tgatcgcatg	aaccacccgg	cttgctcgct	tggtcttttg	gccgaaacgg	cctacggctg	60
ccagaagacg	acagaagggg	cttctccagc	accagtgctc	taatctcctt	ggcctggaat	120
acgaggcctc	cggactggga	ccctgctgct	tctgcagcac	ctgggtgtcta	agtgcctcct	180
tcttgatgtc	tgctcttcag	tcacaaggag	ctgctcatct	ctccctgagg	acacacgtgc	240
acaaacacac	acacatgcac	acacaagtgc	acacacagag	aggagcgtgc	tcttctactc	300

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cttctccctg cagtcctctg aatgcacat ctgtcctaaa ccaaaggccc accccctccc 360
tgaagtccac cctgggtctca ccaatcacag gtccgatatg caaaaacaca gatataactt 420
agag 424

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<210> 2747
<211> 343
<212> DNA
<213> Homo sapien

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<400> 2747
tacggctgcc agaagacgac agaagggcac tgaatgaact ttaattgggg ttgttaaaag 60
acagaattaa cgaagtctaa tttttataat gaaataagtt tttgatattg ctctacttgg 120
acgatttttag tgaccaaaac tatggataaa actgcctaag cataacatta atatatttag 180
aatggcattc ttcagtgtga gtatttgaaa ttggaattag tacattgtgc attcttagta 240
ggcttttatcc ctagaatcaa ttctctcagc atcaccaaac tgaattgggtg aaatagtgtc 300
aagattctgg gcaataggaa gattagtga tatgatacat tgg 343

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<210> 2748
<211> 337
<212> DNA
<213> Homo sapien

```

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<400> 2748
tacggctgcc agaagacgac agaaggggtca tcatatttta tacgttgatt ctgaactata 60
gaaaaataat aaatgggatt ttaattatag ctcttagttg ggaaagaaat atagagagat 120
gtgggatttg aatgcccatt aaagacattt tattttactt gaatatattc ttgcttcact 180
ttaccctcca taatatgttg tacattagtgt ctgatcaagt ttacagagtt acattttgct 240
ttcctaacca ttcagtcagg aattaaaata tggcattgta taacaactgg gaagaagctc 300
atagtggata taaattagag tagataatgg gtcacct 337

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<210> 2749
<211> 406
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

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<400> 2749
ggcacgagga gagagagaac tagtctcgag agcagnnntt tttttttttt tttttttggg 60
ggggaagggc ttttttttga aaattggggg aaaaattttc ccggccccc gggaaaaaac 120
ctggtccccc ggggaaaacc ttttacccca aaggttttaa ccgtgggcaa ttaaccggaa 180
cctaaaattt tgggaacata aattggtggg gggcccaaag gaagggaaaa aaaaaattcc 240
tttctttttt tccccccctt ttttttaaaa aaaaccccc cccccccctt aatatttttt 300
ttaggggccc cttttttttt cggggccttt gaaaaacggc tttttttttt cttttccccc 360
cggaccaggg aaaaaggggc cccttgtgaa aatttaggga aaattg 406

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<210> 2750
<211> 371

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<212> DNA

<213> Homo sapien

<400> 2750

tacggctgcg	agaagacgac	agaaggggtgt	gttagctatt	actgctcctc	ctcctgactg	60
ctgtcatttg	ttgagcatct	gttgactactaa	gtgcttttcta	tattcagtaa	tcttttttaa	120
caaccctcaa	ccctgaaaga	cagttaatct	gttaggtgca	ctgttacttt	atggattagt	180
ttatgatttg	gttcattaag	cctttattaa	gcaattgcta	accgccaggc	atctggatac	240
ttgactaagc	agcagggtata	aaagttaaac	gaagtatagt	ccttacagtg	ttttagaaga	300
gattatagtc	tcatagactc	gggtaggtta	agcaaattac	tagtcacaca	gctaataaga	360
gacagctgag	g					371

<210> 2751

<211> 340

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (340)

<223> n = A,T,C or G

<400> 2751

tacggctgcg	agaagacgac	agaagggcgag	actttgctac	ttagtacaca	aacgggggttc	60
ccttttaa	ttgttctctc	tagttagcat	ttgcagaagc	tgtgaaaaat	tacagagaga	120
tgatgtgttg	ggtaagagat	ggtttaaaag	tccagcttgc	tgtttttcat	taagtgtcct	180
gaaaatgagt	aagtggcggt	cctggagggg	aacaatcata	taattccgca	gggtgggtct	240
aaacttggtt	tctgatagtg	tttagcagct	catggctctg	agggcacctg	ataacacagc	300
agccaggcgc	tgatgagaag	tgtgtgccag	acagaccn			340

<210> 2752

<211> 397

<212> DNA

<213> Homo sapien

<400> 2752

ggcacgagcg	agaagtcacc	tttctccaga	tactctgtga	gagtcagtgg	actcaatata	60
gtggcagcag	gattttaata	taaactggca	gactgattct	aaaatttaca	tagaggccag	120
ccgtggtggc	tcacacataa	tcgcagcact	ttcggaggcc	actgcaggaa	gatcacttga	180
gccagaagt	taaagaccag	cctgggcgac	agacacttcg	tggcttattt	ttttttaatt	240
attaaaaacg	aaattttaa	cagggtgtagt	ggctcacccc	tgtaatctca	gcactttgga	300
atgctgaggt	gggcagatca	cctgaggtca	ggagtccgag	accagcctgg	ctaactggc	360
gaaaccccg	ctctactaat	aataccaaaa	aaaaaaa			397

<210> 2753

<211> 350

<212> DNA

<213> Homo sapien

<400> 2753

gcctacggct	gcgagaagac	gacagaaggg	cagctgcatg	cctctctgcc	tcctctgtct	60
------------	------------	------------	------------	------------	------------	----

gcccacctcc	tcctgcagtg	tgctactctg	ctctgtgact	gctcctcatg	cagctcgag	120
ccatgtttcc	tctctgcttc	ttgatttgct	tcagctcctt	ctagtgcctt	gaaactgaag	180
ctggcctgta	gttgggatca	aagatggagg	gagaggggag	attgtactat	ggatagtgtg	240
gggcaagaag	tgaattctta	cactggaatg	ataaaaggaa	cctgcttcct	gagtttctta	300
aaattgtgtc	tggaactcag	atttgcactg	cctagtatag	tagctgctgg		350

<210> 2754

<211> 381

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 2754

cgttgctgtc	gatttatata	tattatacaa	aatattattt	gcatttaaca	tattctgaac	60
caatagtctt	ttctacaagc	agaacattaa	tattcttgtc	actctgaatg	taggcacaga	120
tttttgtcat	tctttatctt	ttttgtgtgt	gtgtgacaga	gtctcactgt	caccaggctg	180
gagtgcagtg	gcgtgatctc	ggctcactgc	aacctctgcc	tcccagggtc	aggcgattct	240
cttgccctcg	ccttttgagt	ggctgggggt	gcaggcgctg	gccatcacgc	ccggctcatt	300
tttgtatttt	tggtagagat	ggggttttac	cgtgttggtc	aggctggtcc	tgaactcttg	360
accttgtggt	ctgcccaact	n				381

<210> 2755

<211> 388

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(388)

<223> n = A,T,C or G

<400> 2755

tacggctgca	agaagacgac	agaagggata	caatcagcta	gaaattacac	ttatgccatc	60
tcctaaaaaa	taccatgcag	gattttgtga	atgaattact	ggaaatccat	ctaaatgtct	120
ggaagacaat	tctaaatgca	taactttctc	atggctctaa	gttgtgctgt	tcactatggg	180
aaccattatc	cacatgtggc	tgtttgtgtt	aattttttac	attaatttaa	actcaattac	240
actagccacg	tatcaactgt	taaataataa	ccacatgtgg	ctagtgccta	ttacactgaa	300
cagcataaat	agagaatatt	tccatcttca	tagaaagctc	tcttagaagc	atttgtctaa	360
aatgtcatct	tcattgtatga	taaatagn				388

<210> 2756

<211> 368

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(368)

<223> n = A,T,C or G

<400> 2756

tacggctg	agaagacgac	agaaggggtg	agagactttg	cattcctctc	tccccagca	60
ttgaacatag	aagctctgta	atgttagagc	catgaaattg	acccaatctg	gattgatgat	120
aaagacagct	gcctgaaaaa	gtccctgac	taagcatgaa	tgaaagataa	actttatgtc	180
ttaaattatt	aagattttgt	ctttgtaaca	gaagcattag	cctatcctat	cctgactgat	240
atgaagccat	ttacagcttt	taggtagaca	tgtaacaagg	tcagatttgc	atttttaact	300
atcacttttag	ctgtagcatg	gagaatggat	gagagggata	tgaagtcggt	agggtgtcna	360
ctacctcc						368

<210> 2757

<211> 369

<212> DNA

<213> Homo sapien

<400> 2757

cgattcgaat	tccgttgctg	tcgagagccc	ttcctccctt	tccacatggt	aagcactgag	60
cccaatttct	tctcacccca	cagatgggtc	ctcagagcag	agatgtctaa	tgaaagggtc	120
agattcagat	cactaacttt	ccatcttcca	ctttttccag	tggtggccat	gttcccccg	180
ttgccttcac	aaaaaccttg	tgaataatac	aagccatatg	gactctgatt	tacagttag	240
aagatgagca	gaggtgggtg	tgagttgccc	agtcatgttg	ctagttgttg	aagaaactag	300
gattgttctc	agggtcttggg	ctcctggccc	atagaccagt	ggctctgtgt	tctgatgggg	360
tattgggga						369

<210> 2758

<211> 405

<212> DNA

<213> Homo sapien

<400> 2758

ggcacgaggc	cacttgtaaa	agctgaactc	tagtctgtgt	cctccattct	gccccgccc	60
ttcctcccct	tatttggtta	atgaagcaac	atagttagac	gtcgtctcta	caaaaaaaaa	120
gaaaaaaaaa	aattagccag	gcatgcgaaa	cgctgagggg	ggaggatcaa	atgagcttgg	180
gaggttgagg	ctgcagttag	ccttggtcat	gccactactg	cgttctagtc	tgggcaacag	240
agttagacct	tctctcaaaa	aaaaaaccca	aaattgtaaa	attacttcta	tagctatatt	300
ttatgataaa	aaagggatgg	tttctcaaaa	tcgcatttta	aagacgtttt	atggaacttg	360
ttggaatggg	gacttaggag	ttttgatttt	gataaaaaac	tggaa		405

<210> 2759

<211> 399

<212> DNA

<213> Homo sapien

<400> 2759

ggcacgagat	tttgccatgt	tgctcgggct	ggctcctcag	ctcctgagct	caagcgatct	60
gcctgccttg	gcctcccaaa	gtgctgggat	tacaggcgtg	agacacacca	tgccctgcct	120
ctcaatacac	tatttaatac	atcagaccct	ttggtacctc	taggcagagg	accgcaatta	180
atttatgagc	agctgttgct	gtatacatgt	aattatgttt	gactacaaat	gcacttttac	240
aaaatggggc	tagtggaatc	ataatataaa	tgggttcagat	taacttaatt	cagattaaga	300

aaattgtttc atactgaggt aagcgattga aaaattgtct atttaaaaat gcagtgcatt 360
ttaaagagtt actatttgag gatctaaaat atacagaga 399

<210> 2760
<211> 375
<212> DNA
<213> Homo sapien

<400> 2760
tacggctgcg agaatacgac agaagggtaa ggtgctggga tatggctgag aacaaaacaa 60
agtccccatc cgcacagagc tgacattcta gaacagaaga tagacaataa acaaggtaca 120
caggcaaaat acatggatgt tggatgaaga agaatcccat ggagaaaaaa ataaaacaaa 180
gaaggagagt tgctatgaca gtgaggccaa gataattgca ggaaagtagc cctgatacca 240
aggagacaat aaaccactac ttcaggactt ctagtatttt aagacaaata aactgggttt 300
gtttaagact ctgttaattt ggttttcttt acttacagct gaatgaattc ctgagaccgt 360
gtgtaggaag gtgca 375

<210> 2761
<211> 374
<212> DNA
<213> Homo sapien

<400> 2761
ggcacgaggg cagaggttgc agtgagccat gattgcaccc ctgcactcca gcctgggcaa 60
ccaagtgaga ctgctctttt taaaaaaaaa aaaaaaaaaa aaaaaggggg caaaagtttg 120
ggggggggcc cccaattttt taatttttta aaaagtttgg gcccgggggg gggggcaaat 180
ccctgaaacc cccccctttt ggaagcccag ggggggggga cccccggggg cggggatttc 240
aaaccacccc tgcccaccgg gaaaaaaccc ccccttttat aaaaaaaaca aattaacccc 300
gcctaagggg gcctcccctg tatccccctt tctccggggg gggggggagg gaaaaccttt 360
taacctgggg gggg 374

<210> 2762
<211> 375
<212> DNA
<213> Homo sapien

<400> 2762
tacggctgcg agaagacgac agaagggacc tcattacagg agtaggagtc catttcatac 60
aaccttggat tgtgtggcat cagcagtctc aacactgaac cagttgtcag ggaggggtgca 120
aactgacccc ttcaatgcaa actatctatg caaactgacc ctttcaaagg ccattgtgag 180
caggattatc cagatgttag ctgccacctt cagggaattg ctgttctagc tttgctttgc 240
tactggctc tgtgccacat gatgagcctg cactttcagc tcagctgctt tgtgctgctt 300
ttactgagtt tggctgagac tctttgagag aattctctga cctaggtcag taatttagat 360
aatattttgt tagtt 375

<210> 2763
<211> 398
<212> DNA
<213> Homo sapien

<400> 2763

cagaagcctg	gattcaattt	tcattcctga	taaattgtac	gaactttggg	cataaatatt	60
tcaacttcag	cctctcttcc	tctgaagtag	gatttatagg	acctttgcta	tcttgaatta	120
cagtgatatt	tacttagaat	gggttaattc	cattttaaacc	tttttttttg	ctgctcaggg	180
aaaagtgact	tgataacaca	cagagtgacc	cctcatgttt	gcaaattcca	ggggccatgc	240
ctagtgactg	cataatacga	ggggctggag	ccctgatccc	tgtcataagg	catgtaacag	300
cctgcatccc	tagatttcag	ggataactct	ctgaagcctg	gaaaggggtca	gtattccaca	360
ggctgcgccc	tctcatgctg	tccattttga	gtaacccg			398

<210> 2764

<211> 376

<212> DNA

<213> Homo sapien

<400> 2764

tctacggttg	cgagaagacg	acagaagggg	tttttaaatt	gttacaaaaa	aatcaactaa	60
attgttcaca	tgagaacatg	tcctggcaaa	aaaagaaaga	gaaaataaga	gaaaacaact	120
aaattgttgt	taatgttaga	taaataagag	gcacttattg	attcaaccac	agttttctgg	180
agatcaactt	taatttttgt	ttgtactttg	gtggtagctt	ttttcattgg	aaagaaatcc	240
aaaattaaaa	ttacattgtt	aactaaatct	tacttttttg	tgtgaatttt	tgtaattaat	300
tttcataaga	cactcttgtc	tttgagtaag	tttcttgttt	gtaaacaaca	caacacaatt	360
tatcactatg	aatgaa					376

<210> 2765

<211> 383

<212> DNA

<213> Homo sapien

<400> 2765

ggcacgagta	tttattgaat	tcttatttaa	aacaaacaga	aacataaggg	gcaaggggca	60
gggagaggaa	agcctggcgc	ctacaaacat	gaaataacgt	aagatgtaaa	acattgattc	120
atatacaaat	ggtaaattcc	aagtgtcttg	ctactaacta	tggggcacct	taaacattgt	180
tcggcaagaa	gaatctcata	gtgtgataac	ttaatgcttt	aagtttaaatt	atatttcata	240
agttttacca	atctgatgtg	ttattttcta	tagattttcca	gcacctatct	agagagcaat	300
tggcctatac	cgctgagtcg	ttattatgtt	ggtgctaact	tttgttgact	agcatttgct	360
gcaagaggca	ttctgggaag	agc				383

<210> 2766

<211> 373

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(373)

<223> n = A,T,C or G

<400> 2766

tacggctgcg	agaagacgac	agaagggaaa	tcataaggat	attcttattg	tgaataccct	60
gtagcagggg	aatctggact	caaatcaggt	tgccccatgg	tcccaaattc	acttcattac	120
tttcccaacc	acttccccct	taacttgctt	tcccctgaac	cgtagcaaat	agtaatgcat	180
gacaagctga	taggagggaa	aacatgacaa	gtgaggttga	gtagaaagg	aaaagcaggg	240

ctatgaggaa ctgaataaga gatcagattt gtatttttcc tttggagtct tgagaattgt 300
aatatttgaa acccttggca gaaaataaaa tcataaccaa gtgactcaga anaaacatac 360
taatgctaac tgt 373

<210> 2767

<211> 379

<212> DNA

<213> Homo sapien

<400> 2767

cgttgctgtc ggaggaggag gttgattatg atgatgatga ggaccagggg tcagccacac 60
tctctcagac tcctcagccc cagagagtat caggggtttt tccccgtcct catggacccc 120
acccactgcc catgactgct actccccgaa agcttccaga gggtagaggt gcaccacttg 180
agcttcctgc cctcctgca ctgccccca aaatcttcta cattaagcag gaacccttcg 240
agcctaagga ggagatatca ggaagcggaa ctgagcctgg aggagcaaag gaggaacca 300
aagtgttttc tggaggggac actgaaggga atggggagct agggttcttg ttgccttcag 360
ggccagggcc aacatctgg 373

<210> 2768

<211> 338

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(338)

<223> n = A,T,C or G

<400> 2768

tacggctgcg agaagacgac agaaggggtg gctgtgaatc agccatgatg ctgagtgcta 60
caagagagga ctgtgcggtt gggagggctt ataacaggat ttaacctagt tagggaagat 120
ctgaggaagt gatgaaagaa tggaaatcaa tatgtaagag ctcaacagtc agagtgagat 180
gtttcttctt atactgcctg cttctaata gcatccactt cattgaacca cctcttcatt 240
gagccaaacc taccatacag ggatacattc tctggaggaa agttgagcaa ctattgcatt 300
tgggacatta aagtatgggt gggctgacag gtatgtgn 338

<210> 2769

<211> 390

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 2769

ggcacgaggg caggcagatc acttgagccc agaagttgag accagcctgg gcaacatggt 60
gaaacctcat ctctacaaaa aatacaaaaa ttagccagac atgatggtgt gtgcctgtgg 120
tcctagctac tagggaggca gaggtgggag gatcacttga gcccaggagg tcgaggctgc 180
agtgaagctgt gatcgagcca ctgtactcca gcctgggtga cagagcgaga ccctgtctta 240

```

aaaaaaacca ccaacagggga aaggccagga cgacgaggag aagttggtat ctttttgtta      300
gctccagagt ttgtgctggt gaaagaaggt taggatgtan aaaagggatt tagagacata      360
cagtggctgc tcttcagtat tcttcaaggg                                     390

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<210> 2770
<211> 375
<212> DNA
<213> Homo sapien

```

```

<400> 2770
tacggctgcg agaagacgac agaagggagg agttgggtga ttgacattgt tgagctctgc      60
aggaaatctg ttagtctcca tttccggagg tcttgctatg tagaaaaatt ggatgacttt      120
attgcttaag tcactataag aatgttttct gttacctgca acccaatgca cccaactaat      180
aaagtatgtt tctagaaata cacttgcttg cactcatttt ttaagacaca cagaccacat      240
acacatggag agatattttt aaaggtcttg tactacataa attgtactat tttttaattt      300
aaaaatatgg gccagggtgca gtggctcaca cctgtaatcc tagcactttg ggaggccaag      360
gcaggtggat cacaa                                              375

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```

<210> 2771
<211> 379
<212> DNA
<213> Homo sapien

```

```

<400> 2771
tacggctgcg agaagacgac agaggggtca ggagtttgag accaacctgg gcaacatggt      60
gaaaccctgt ctctattaata catacaaaaa aaattagcca ggcatggtgg cacacctgta      120
atcccagcta ctgggagggtg gaggtttag tgagccgaga tcatgccact gcaactccagc      180
ctgggcgaca gagcaagact ctgtcacaaa aaatattctt cccagttttc atcatcatgg      240
ctacaagtta ccaaggtcat ttgtttattt ggtcatttcc ttgagggcga gagggccaaat      300
tgctttgttg ttgtaccagc gccaaccttc tgatgtttgt tgaattaatg aacacccatt      360
tttcagatca ggaaagggg                                     379

```

```

<210> 2772
<211> 330
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

```

```

<400> 2772
tacggctgcg agaagacgac agaagggaaa gtatataaca aaaattgtat atatcaacac      60
aatttaaatt tcaaaataag aatgttgaat ttttaaaaag caagttgctg aggtaatata      120
aatgtatgac acaacttata tatagtttaa acataatata acaagagcaa atagtaaatt      180
atgaatttga atgcatatgt gtggagagtg tgggggtgag tgtggatgtg ggggggatgt      240
nnnnnnntnn tgnnnngntg tgttntann ngttnttttt tttctttttt ttgntttttt      300
ggggtgggta tgttgtcagg ggtttggttt                                     330

```

```

<210> 2773

```

<211> 348

<212> DNA

<213> Homo sapien

<400> 2773

tacggctgcg	agaagacgac	agaagggcat	acagttggga	aaggaagaag	caaatatatc	60
tttatgtata	gataattggg	ggcacaaaac	attctaggga	acctccaaaa	tatttactag	120
aataaataaa	attagcaaag	ttataatgaa	acataatgtg	gccaggcatg	gtggctcacg	180
cctgtaatcc	cagcactttg	ggaggccgag	gtgggttgac	cacctgaggt	agggagtgtg	240
agaacagcct	ggccagcatg	gtgaaaccct	gtctctacta	aactacaaaa	attagctggg	300
catggtggtg	tatgcctgta	atcccagcta	cttgggaggc	tgagtcag		348

<210> 2774

<211> 408

<212> DNA

<213> Homo sapien

<400> 2774

gtcttgctgt	tcttaaccta	ccaaagcagg	caagtagacg	cacatgtgtt	ttacacacgt	60
cattggaaga	aggctggcaa	taccagcttg	gttgcaagga	aagaggcaat	tgtgaggact	120
ccttctcaca	ctgcagtaat	ttgctgagtg	accttgaaca	aggatcttaa	tgcacagag	180
tctgtttcct	caaccccaaa	atgaagggat	tggaccagat	gccctcaagg	ttcctcaagg	240
gtcagctgtc	acagttctcc	aaagtgagtt	ttcaggcaga	catagagtta	gccagtgtcg	300
cctcaccagg	acattttgtt	ttctgaacat	tgggcctctg	tggtttgtca	catacaccca	360
ggggactggg	ctcataactc	cctgaagaac	ctctgcccag	aacaaagg		408

<210> 2775

<211> 337

<212> DNA

<213> Homo sapien

<400> 2775

tacggctgcg	agaagacgac	agaaggggtct	ttcataatac	ctaactaatg	atgtcactct	60
aatgcttaaa	catgcttcag	tagcctcagg	ataaaactct	gtggtaaggc	atcaaaggta	120
ctcaaattgt	aggccccaga	gttctacatg	gggagcatct	acttggtgct	tgtatcatgt	180
ctttctcaac	ggctccctatc	gcctagaaga	agagtttaatt	gcttctttct	tactgtcatt	240
tcatgccttc	agaataaatg	tatagcacat	ttcaccagggt	tagaaactcc	acaaagggtg	300
attcactgct	atattttctag	ggcctagaaa	tctaggc			337

<210> 2776

<211> 338

<212> DNA

<213> Homo sapien

<400> 2776

ttactgttgc	gagaagacga	cagaaggggc	tgggggagct	gcctgtgccc	tggcctggcc	60
aggaggtccc	tcttgccgct	cagctgcccc	tgcaactgca	cgcccccatg	ctcctgcagt	120
cccaccagac	agacacctct	taggaagcgg	catgctccct	gggacaggcc	ctgaggcatc	180
acggcctctt	gtgaaattat	caaacgtcac	caggtgccag	aggcaggtgg	gcagaacgag	240
gctgaggttc	actgggatgc	tgtgggttaag	gcctctgctg	acctgtgctg	tgccggccac	300
tgggagtgtg	aaatgagcaa	acgggaacag	aagggtgg			338

<210> 2777
 <211> 376
 <212> DNA
 <213> Homo sapien

<400> 2777
 tacggctgcg agaagacgac agaaggggtct gttttgtaga gtaaatacgaa ggatctgttt 60
 tgttatataa cacatttact ttccataaat ggtgttatct ggcaggtatt ttttggcttc 120
 cagaataaaa gttttaaaat taaaaggggt atccaagtat ttttaggagc ctagtatttc 180
 ctcaattact cccaaactct aaaagtagat tggctttatg ttaaacagag aattcgtaca 240
 gaaaaaatct tcaggactgt attcattcca taaataatgt actttatttt attgcatatg 300
 gctattaagg agggcatcca tgatcaatac agactaaata caatgcacta ttctagtcca 360
 gtttattctc gtctcc 376

<210> 2778
 <211> 357
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 2778
 tacggctgcg agaagacgac agaaggggtct attactcgac tttgaatttc tcacacagct 60
 ggcattaaat tcctcttctc aagaaactta caagtagttg tagattatta tcaccagagc 120
 tgtcaatatac tgtatctgca agaaactgcc agaaaacagc cagtatacct gtaaaggggtt 180
 caagctaaat agaatttata aagacactat tacagagata taggcagagt tagggactgg 240
 caccagaggaa ctcaacaatag cagggagccg ttagcacctg cgatgggctg aatcatgttc 300
 ctccgagact cacaagttga agccctatcc cccagtacct gataatgtga ctgtatn 357

<210> 2779
 <211> 375
 <212> DNA
 <213> Homo sapien

<400> 2779
 tacggctgcg agaagacaac agaaggggga gaggaccag atgggcttgt tgaagtacca 60
 gtgggtaatt ggtgaagtgg ccaaggggtat gaggagtga gggtaataaa gaaagagcaa 120
 gggaagggaag ttgaggtgtg gtataagcag ggaaagctgt tggatgcaag gttggagtta 180
 gtgggggctg gaataaaaag atgtgaccta acaactatta atgctgtctt gttaaacaaa 240
 atgatttgtg tggatctgtg tgaaattctg acttggctag cctatttcaa aatgcacgat 300
 gaggttggtt ttaaataaac ttacgaattc agtttttccc tatttccctg accgtgattt 360
 gacatatctc acagg 375

<210> 2780
 <211> 337
 <212> DNA
 <213> Homo sapien

<400> 2780

tacggctgcg	agaagacgac	agaaggagga	cttaaaacaa	taagcattta	ttactgatct	60
gaagtccaca	ggtcatctgg	gtcagtctct	gatctgagcc	agcctcactc	actcatgtgt	120
ctgggtccact	ggcagtttga	aagggaacct	aattcacatg	tctggcagtt	ggctgaatgt	180
tggctagagc	aataggatga	ctagaccata	taccttttgt	tctccaacaa	acagttgcag	240
gggaccaggg	gagcaagtgg	aagcatgcaa	tgcttcttaa	ggtctagtat	cagaagttgc	300
acactgtcat	ttccactgaa	ttatttagct	gaagcaa			337

<210> 2781

<211> 391

<212> DNA

<213> Homo sapien

<400> 2781

cgttgctgct	gggacaaagc	aaaacacata	ccataaatgc	ttatcattta	gatcccaggg	60
gccc aaaatc	tgaactggag	catgagtttt	atgaattaga	acctctggct	tcccacagct	120
gcaactgcccc	tgagaagacc	acttatgaag	agaccacat	ctgctctgaa	tttttcaaca	180
gccaaagcaa	gaatttaggg	atgcctgtgc	atgcagctta	caacagtga	ctcagcaaaa	240
gcaactgaaag	tgacgctggc	tctgccttgt	tacagcccc	tcttgaacag	cataccgtgt	300
gtcactttctt	ctctctgaat	cagagatgta	gctgcccaga	tgcttaciaa	cacttgaact	360
atggcccaca	ctcttgccag	cagatggggg	a			391

<210> 2782

<211> 378

<212> DNA

<213> Homo sapien

<400> 2782

tacggctgcg	agaagacgac	agaagggtgt	aaggggaagg	caaatactgg	atcttgggaa	60
ccactgtaat	ctactttgtg	tctagcctat	ttcctatata	cattgatggg	tcttgccttg	120
gctgtgcttt	cctgttggct	ctctttgatg	ctggattctc	tgtaccctgc	tcccacactg	180
cctcctgctg	gctttctca	gatatcaagg	accaagtagt	cacatttccc	ctaccatgca	240
ttggtgtcgc	ttcttcaactg	aagaaaacac	ctagggactg	accactcctc	ccctccacca	300
gatcttccca	accagtggtg	ttctgaggct	ttagggtaag	gcagctagtg	aaatttttct	360
ctccaaatcc	tggaaggg					378

<210> 2783

<211> 362

<212> DNA

<213> Homo sapien

<400> 2783

ggcacgagat	gaaggcccat	gaggcggctt	ttattgaaca	ggaacaaaaa	gaagctgttg	60
cgtgagctga	gaaagcaccg	ggagcgtgtg	gagctgatga	tggatctgcc	tgggggttcc	120
attgcagacg	agggggagac	tggcatgttc	tcttgtgca	ccatccgggg	tcaccagtta	180
ttacaggaag	taacacaagg	ggatatgagt	gcagcagaca	catttctgtc	cgatctgcca	240
agggatgata	tctatgtgtc	agatgttgag	gacgacggcg	atgacacatc	tctggatagc	300
gacctggatc	cagaggagct	ggcaggagtc	aggggacatc	aggggtctaag	ggacccaaaag	360
cg						362

<210> 2784
 <211> 336
 <212> DNA
 <213> Homo sapien

<400> 2784
 tacggctgcg agaagacgac agaagggcag ggacatgtct gacccacccc agtgcccagc 60
 tcagagcctg ataagtgtag gtgcccaggg aatgtgggtc agtgaacata agagaggact 120
 tcatggagcc cagggcgtggg cagggcactc cgtgggtggg tgctgagtga agaggcaagt 180
 agatgaaagg gccaggtca tcctggccat gtcaggagca gggaagggcc cacctgggtg 240
 aggggatggc cagaggagct gtggggcagc attgcgggca ctcacctggt gggcctctca 300
 tccccattgg gccccgactg ccggcatctc ccttgg 336

<210> 2785
 <211> 378
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(378)
 <223> n = A,T,C or G

<400> 2785
 tacggctgcg agaagacgac agaagggctg tagtcccagc tacttgggag gctgaggcaa 60
 gagaatcact tgaacccggg aggcggaggt tgcagtgagc caagacagca cactgcact 120
 ccagcttggg taacagagcg agactctctc aaaaaaagag caacaacaac aacaaaaaaa 180
 accatagcca tatggcttga gtaaggaaag acagagttgc tatttgttga gatggggatg 240
 acagtgaaaa gagcaggctt ggggtgggtg aaagtgcaaa tgtaagtgtt cgattttgga 300
 tatacttaat ttgaaacgtc attatacaac caagtggaga tcttgcattg acactggaga 360
 tacatggcca aaaatatn 378

<210> 2786
 <211> 373
 <212> DNA
 <213> Homo sapien

<400> 2786
 ggcacgaggc aagatggagg cgactacggc tgggtgtgggc cggctagagg aagaggcgtt 60
 gcggcgaaaag gaacggctga aggccctacg ggagaaaacc gggcgcaagg acaaggaaga 120
 tggggagcca aagaccaagc atctcagaga agaggaggaa gaaggcgaga agcacaggga 180
 acttaggctg cggaactatg tcccggagga tgaggacctg aagaagagga ggggtgcccc 240
 ggccaaaccg gttgcagtgg aggagaaggt gaaggagcag ctggaggccg ccaagcccga 300
 gcccgatc gaggaggtgg acctggccaa cctcgctcct cggaagcctg actgggacct 360
 caagagagat gtg 373

<210> 2787
 <211> 410
 <212> DNA
 <213> Homo sapien

<400> 2787

ggcacgaggt	taaacagaag	agccatcgtc	caggatcagg	gatgtctgcc	tggccttatt	60
ttatttatgg	accatcccaa	ccctccagtc	gtccactccg	ctttgcttgc	tcttcgatac	120
ttggcagaat	gccgtgcaaa	cagagaaaag	atgaaaggag	aactgggtat	gatgttgagc	180
ttacaaaatg	ttatacagaa	aactacaact	ccaggagaaa	caaaacttct	ggcctctgaa	240
atctatgaca	ttcttcagtc	ctccaatatg	gcagatgggtg	atagttttaa	tgagatgaat	300
tcacgtcgaa	ggaaagctca	atTTTTTctg	ggaactacaa	acaaacgtgc	caaaacagtgc	360
gttttgcata	tagatggcct	tgatgatacg	tctcggagaa	atctatgtga		410

<210> 2788

<211> 407

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (407)

<223> n = A,T,C or G

<400> 2788

ggcacgaggg	tcgtcctgcg	gcggccccc	agcccacctg	cttcctatcc	gtttcctgca	60
agatgggtgcc	ccctgcatcc	cctcacccat	tgctcacgga	aggaaaagca	gacgtggcca	120
gcctgcatcc	tctgcccctcc	ctgagcctcc	tggcctggct	ggccacagct	ggcatggacg	180
ccatcagcag	gctccgtgca	ggcggacggg	ggcagccccc	acagccaggg	caccctggac	240
ctcactcacc	agcacccttt	tggtcttttc	ctagcaaaaat	atgcaaagtgc	tgaccagtgt	300
ggaaacccaa	agggtgagtgg	gttccggctg	caagccacca	aggtctcagc	tttgggggtg	360
agcaggggtg	tctctgcact	gcttggnctg	gcaggtctgg	tgccccn		407

<210> 2789

<211> 388

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (388)

<223> n = A,T,C or G

<400> 2789

ggcacgagtg	aaaaccttat	tagtggtgtg	atagtagaga	agcttttagt	caaaagtcag	60
tttattaaat	gtttagaata	cctaaacagg	aagaaaattc	tattgttttt	tataacaaag	120
tggaagattt	caagaaagga	caactcactg	tacacttgag	aataatacct	acagaggttc	180
atactgaaga	gtagtctcaa	taatgtaaag	aatttgacaa	gcatgatgct	attgaaatag	240
ttctgtaagg	aagtgggtgtt	ctttatacat	caattattac	aaaaagcagt	gaattgtaag	300
tgtgaggtgt	gtttacttag	atgtgaagag	ttctccttac	tgctgtgatg	gaataacaag	360
ggtcagattt	cctctcctgc	cttaaacn				388

<210> 2790

<211> 334

<212> DNA

<213> Homo sapien

<400> 2790

tctacggttg	cgagaagacg	acagaagggg	accagaacca	tatagtgagt	gggatctggg	60
aaagtagttc	ccagcttaac	agttaacaca	ccacgcacca	ccagtacaat	ttgtgttttt	120
gttctggtgg	ttaccattat	attaatacct	ttatatggta	ttctaatttc	cttctctttt	180
gggggggagg	ggtattatgt	gtctggctct	cccatTTTTac	attaactatc	actaatcttt	240
taaatgagta	ttacattagt	gtcttttatcc	gcggaactgcc	tcaattttca	ttttatttct	300
tccatgagtc	aacggccctt	attcatactt	taac			334

<210> 2791

<211> 399

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(399)

<223> n = A,T,C or G

<400> 2791

ctccgttgct	gacggtgcc	gggaaacgga	ttcatctacc	cacgaaggac	gcgggagatg	60
aggtgccagg	gtaaacagcg	ggacccgcc	ctatgtcacc	ctttcctgcc	gactgcccgg	120
aggaactgca	tgcagggcgg	ccggctccgt	ggcaggcaga	ggcaggaaga	ggcgcggagc	180
ccgctcgtgg	cgaaaagggg	agtgcggcgg	gaggggaggg	cagaggcagg	cggccggctg	240
cgtggggcct	gggcccggcc	aggagggcct	ctggctggat	tcttagcaga	tggaaagccgt	300
gcaagggcag	gaggcagggg	cctgacgtgt	ttggattgag	gttgcaggag	gggcccctgg	360
ctgcttcagg	gagaataatt	tggaggcgag	cggngagggn			399

<210> 2792

<211> 395

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(395)

<223> n = A,T,C or G

<400> 2792

ggcnnnnntc	tgcagcggcc	tacggctgcg	agaagactac	agaagggcac	agaaggcggc	60
tctatgagaa	gagctctttt	aatgtgggaa	ttgatataca	agaaggtagt	tagtccataa	120
gatcaggatg	tacaagataa	ccccagaggg	cgctcagcca	agcttagagc	cactatcaaa	180
ttataagtta	ccatcatctt	attcttcaaa	ttttttctgc	aggttctcta	gtctttactc	240
atggtatgtt	cctgaatgtc	ttgatatagg	tttaagtatg	ggacagtcta	aaaattgata	300
acatttagca	ttttttttcc	tcacaaagaa	actgtggaaa	atattagcat	gacagagaaa	360
gttccactca	cggagtagca	tctcaagacc	ggaaa			395

<210> 2793

<211> 372

<212> DNA

<213> Homo sapien

<400> 2793

tctacggctg	cgagaagacg	acagaagggc	ctgaggggtct	gctctgcctg	cctgaggact	60
gacccaagct	atattctgag	tcagggctag	gggcagctta	gtgccaccac	aaaggccttc	120
cctcagcata	tataacctca	ctgtctccca	ggagctatgg	gggtaatata	ggcattggga	180
gatgctggag	ggaggcaggg	tcttaattgg	ctgatcaact	caaccaagta	acattgggta	240
atggcccaag	gtcaatgtgg	ggagtgtcaa	ctggataaat	gatattcagg	gaagcccatc	300
cctgtttctg	tgcaagtctg	gagagcatgc	cacaggtgag	cagcgcttgt	gaaggtaga	360
tatggaggcc	ac					372

<210> 2794

<211> 372

<212> DNA

<213> Homo sapien

<400> 2794

ggcacgagag	agagagagag	agctagtctc	gagagcagct	cttttttttt	tttttttttg	60
ggggggggga	aaaaaccccc	cctttttttg	gcttttaaaa	aacaaccctt	ttcaggggaa	120
tgggggactg	gaaaataaaa	ctccccggg	gttgggtttt	tgggaacctg	aagcctttta	180
gaagggagag	ggtttttttc	ccaaaacccc	aggggagggg	gggctttgca	tttttggaac	240
acaaaaaggg	gccccccctg	gggggggaaa	aaggctaaac	cttccccctt	acctggggaa	300
tgagcccccc	cttttgtccc	cttctggggg	gggggggacg	ggcccttttt	tttttgacc	360
cagggggcgg	tt					372

<210> 2795

<211> 393

<212> DNA

<213> Homo sapien

<400> 2795

ggcacgaggt	cccacctgaa	gaaaatccat	gggtgtcagc	agcagtatgc	ctataagcag	60
cggcgggaca	agctctacgt	ctgcgaggat	tgcggctaca	cgggccccac	ccaggaggac	120
ctgtacctgc	acgtgaacag	tgcccatccg	ggcagctcgt	ttctcaaaaa	gacatctaaa	180
aaactggcag	cccttctgca	gggcaagctg	acatccgcac	accaggagaa	taccagcctg	240
agtgaggagg	aggagaggaa	gtgaggagaa	ggaaggggag	gacagacggt	cacactgcca	300
cgtatgtcta	cgtggatttt	tggttttcag	cttcccccac	cccactgggt	cttcttaatt	360
agaagtgacc	agttcacctc	tgtgtccttt	tga			393

<210> 2796

<211> 353

<212> DNA

<213> Homo sapien

<400> 2796

tacggctgct	agaagacgac	agaaggggaa	ggatgtggct	ctgccatgaa	ggatgtcctg	60
ttgcctttaa	aatctggaag	cgattcaagc	caagctgacc	aagaagccaa	agaactggct	120
aggcaaataa	gctttaaggc	agaagtcaat	tcatctggaa	agactatctc	tgagtcagac	180
ttaaaccact	ctttttcact	aactgattta	caagatgata	tacctacaac	attccagggt	240
gctacggcca	gtacatcgta	cggagtccag	aattcctcag	cagcatcctt	tcatcaacct	300
acccaacctg	tagctaagaa	tacctccatg	agccctcgac	agcgccgggc	cca	353

<210> 2797
 <211> 379
 <212> DNA
 <213> Homo sapien

<400> 2797
 ggcacgaggc aggaacagcc ctcaagcctg tgtcgggtggc ctgcacccag ctggcatttt 60
 ctggccctaa gctagcggcc cggctcggcc cccgccaggt gcctcctcca cggcctgaga 120
 gcaactgggac tgtggggcca ggccaggccc agcagagact ggagcagacc agctcgtccc 180
 tggcagctgc actgagagcc gcagagaaga gcattggcac caaggagcaa gagggcaccc 240
 ccagcgcctc caccaagcac attctggatg acatcagcac catgttcgac gccctggctg 300
 accagctgga cgccatgctg gactgagccc tccagcagtg cccactgtga cctgccgaag 360
 tccactgcct ttgccccag 379

<210> 2798
 <211> 380
 <212> DNA
 <213> Homo sapien

<400> 2798
 ggcacgagat tcttttgtct aaaacttatt gaaattgatg cttgtactct actggctccc 60
 tgatgatagt agaaaagcac tagtaatgta ccaaatgaaa ctggttgtgt accagatgat 120
 tttgttaact tcttaaatag cctagaaatc gtcagcaggt cacatacaac tgcagtgata 180
 atttcagaac atagcaaaat ggctgataat ttggatgaat ttattgaaga gcaaaaagcc 240
 agattggccg aagacaaaagc agagtggaa agtgatccac cttacatgga aatgaaggga 300
 aagttgtcag cgaagctttc tgaaaacagt aagatactga tctctatggc taaggaaaac 360
 ataccaccaa atagtcaaca 380

<210> 2799
 <211> 340
 <212> DNA
 <213> Homo sapien

<400> 2799
 tactgttgcg agaagacgac agaaggggggt tgtctgaatt gggaccggaa aacgttgtcg 60
 ctcatcctat gacgcgaaaag taaccgagac tatcaggatc cggagacgga aatgtccgaa 120
 ggcagcagta cttgaccctg tattttggga gtcgaacgga gaatggaaac tgaaagtgga 180
 aatcaggaaa aggtaatgga agaagaaaagc actgaaaaga aaaaagaagt tgaaaaaaag 240
 aaacggtcac gagttaaaca ggtgcttgca gatattgcta agcaagtgga cttctggttt 300
 ggggatgcaa atcttcacaa ggatagattt cttcgagaac 340

<210> 2800
 <211> 368
 <212> DNA
 <213> Homo sapien

<400> 2800
 tcgaattccg ttgctgtcga gagctaggag ttggatgggg aaggacgccc ggccaaaagc 60
 caggaagagg ggaagcgcct ggatggaaaag gacgagtttg aggacctcga gtgggtccgag 120
 gaggtccaga agctgcagga gcagcagctg cgcagcgacc tcctggacca gtaccgttcc 180
 ctgctgggtgg agcggaaaccg ctcccagcgc tacaacctat acctgcagca caagatcttc 240

gagggcgctgc gcagaaagaa gggcctggag gccgctgagg tggctgaccg gggcgagag 300
 gccgaggccc ccgagaaaga gcaagcgtac ctgcgccatc tgggcatgct ggaggagctg 360
 aagaagcc 368

<210> 2801

<211> 413

<212> DNA

<213> Homo sapien

<400> 2801

cgacgaggca agatggaggc gactacggct ggtgtgggccc ggctagagga agaggcgttg 60
 cggcgaaaagg aacggctgaa ggccctacgg gagaaaaccg ggcgcaagga caaggaagat 120
 ggggagccaa agaccaagca tctcagagaa gaggaggaag aaggcgagaa gcacagggaa 180
 cttaggctgc ggaactatgt cccggaggat gaggacctga agaagaggag ggtgccccag 240
 gccaaaccgg ttgcagtgga ggagaagggtg aaggagcagc tggaggccgc caagcccag 300
 cccgtcatcg aggaggtgga cctggccaac ctgcctcctc ggaagcctga ctgggacctc 360
 aagagagatg tggccaagaa gctggagaaa ctaaaaaagc ggactcagag ggc 413

<210> 2802

<211> 386

<212> DNA

<213> Homo sapien

<400> 2802

cgttgctgtc ggcggctccg atttatgtct gtgggagtct cggagacgtg tctgggtgtg 60
 aggcgctggg tgcacgtccc cagggtcttg ggctaggaag gcagcggcga ggtgcctccc 120
 cacgtacccc tcgcgggccc agccgagcaa cgtggggcga aggcggcggc gaaggcccgg 180
 gctgggagcg ttggcggccg gagtcccagc catggcggag tctgtggagc gcctgcagca 240
 gcgggtccag gagctggagc gggaacttgc ccaggagagg agtctgcagg tcccaggagg 300
 cggcgacgga gggggcggcc ggtccgcat cgagaagatg agctcagagg tgggtggattc 360
 gaateccctac agccgcttga tggcat 386

<210> 2803

<211> 344

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(344)

<223> n = A,T,C or G

<400> 2803

tacggctgcg agaagacgac agaaggggtt tcaaaactgga gaaagtgatg gatgatttca 60
 gaacttcagc tcttgagcca agaggctctc ccaaccctaa tgtcgaatat attccctttg 120
 atgaaatgaa ggaaagaata ctgaaaattg tctactggatt taatggatc ctttttacta 180
 ttcagcgact atgtgaattg ttaacagatc caaggagaaa ctatacagga acagacaaat 240
 ttctcagagg agtagaaaag aatgtgatgg ntgttagctg tgtttatcct tcttcagaga 300
 aaaacaattc caatagttaa aatcgaatga atgggtgatg tttc 344

<210> 2804

<211> 437
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 2804
 tagtgcttct gagattccat ggagagcttg cttgatcttn ngncgccgcg gccctacggc 60
 tgctacaaga ccacagaaag ggattacagg tgtggggccac cacgcccagc cctcttgtgt 120
 aatttttgat aaataacaca ttactattg ttggtttaat gaaaacagct caattctgag 180
 gtattgctaa aatactgata tttaacctta agtttcttac ttaggtcaga aactcacagg 240
 ctattaaaaa ggtaacagg aaatagcttt aaatgatgac tatcacagtt ttcataaata 300
 acctatgtaa actatcagca ttactcatgt taatgtaatg gaataaatgc ttataaacia 360
 acttgatata taatttagaa tctaaagtta cattaaataa taaaactcat taactgggta 420
 gcttctaatt taaaaac 437

<210> 2805
 <211> 385
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 2805
 gcctacggct gcgagaagac gacagaaggg catagaggag taattgggta attcctgtgt 60
 cttagggag tctctctggc tcccaggagc agcatactag acacagagga ccaagtagtg 120
 ggctcctagt atccttctgg tggccaaagc cttcacagtg aaaatagata ggaagagcca 180
 cctcgcttg cccgatattt gtttttaaaa ggctgggcat ggcttatgcc tgtaatggta 240
 gcacttcggg aggccgaagt aggaggatca cttgagacaa ggagtttgag actagactgt 300
 gcaacatagt gagagcccat ctctacagaa naattttgta gggccgggcg cgggtggctca 360
 tgctgtaat cttagcactt tggga 385

<210> 2806
 <211> 401
 <212> DNA
 <213> Homo sapien

<400> 2806
 ggcacgagcc accatgcccc gccaaagccat gaaatcttaa tggctcaact aaacaaacat 60
 ttatttctca ttcacactac atgtccatgg tgaggaagac cactctgtc catattgtca 120
 ctacagagatc tagacagatg gagtctttac tatcttatga tgttgctgtc tcaacacaca 180
 gcttctagag ttctgtggt gggataaggt gtaaaaaact taaactttct cttaaatgct 240
 ttggccctgg ctatgatcag tcctatgaat ctctctcagt gctagggagt tgggatgtgc 300
 agtcctccct gatgccccaa cagaacaggc aaaccagata ttactgagt caagaaatcc 360
 ctactatgtg tactgaggaa caggattcaa gctgtattag a 401

<210> 2807
 <211> 401
 <212> DNA
 <213> Homo sapien

<400> 2807
 cgttgctgtc gatcttggtg ctctccaggt gatgtggttg tgatatgggg tcactaagtg 60
 aagacaggtt tccaggtaga acatagtttt tgctcatttt tctctgggtg tccagggtcg 120
 ccatccctac tcctactctg ccttgtggaa ttcttccttc aaagggttta agcgtcttaa 180
 gtgctttctca cattcccaga taagccttgg tgctctacct gggatgcagt cgggtgcccgt 240
 taccagatg ttgaagggat taaatacttc catgcctgaa ctgggtgatt gacttggtga 300
 aatgtttttc cttttttcct cttttgtccc ctggcactgg gatggtggtg gtctgtgggt 360
 gctgtctcaa ggtgccctta aaaaaggaca actcagaaga g 401

<210> 2808
 <211> 424
 <212> DNA
 <213> Homo sapien

<400> 2808
 tgctcgagag agagagagag agagagagt ttatagagag agagagagag agagagagag 60
 agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 120
 agagagagag agagagagag agagagagag agagagagag agagacacac tctctctctc 180
 tctgagagtg tgagagagag agagcggggg gtgagacccc cccctctctc ctctctgtgt 240
 gtagtggttc tctgtcgcgc ggttatTTTT atctatctct ctctctctct ctcatatata 300
 ctttttcccc cccctctctc ctctcacaca catatttttt tttttttttt gtgtgggtct 360
 ctctctctat aaaacacacc ccctcttttt tttctacttc tgtgtgtgcg ctttcttcac 420
 accc 424

<210> 2809
 <211> 407
 <212> DNA
 <213> Homo sapien

<400> 2809
 ggcacgagaa gagatatata tcagcttcta gtaaaagttt ttttttttaa acctgctagc 60
 tacatttaca ttatgtaaaa ataaaggga taatcactga gaataaagca gttgagtatt 120
 tataacaata atattttatg gggcgcttat aatgtttata atattgtaaa ccactgtgta 180
 ctctattcat ttaatgctaa atgacttgac cattcttgtg ggataagaga tcattaaaaa 240
 aatgctaggg ccgggcacca tggctcacgc ctgtaatccc aggactttag gaggccaggg 300
 caggtggatg acttgagctc aggagtttga gaccagcctg ggcaacatga tgaaaactcc 360
 gtctctacca aaaatcaaaa aaaattatcc aggtgtgatg ttgtgtg 407

<210> 2810
 <211> 411
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 2810

ggcacgagat	ttanaaaaaa	tactaatacc	atagcattaa	ttgtgatgat	gaaaacagca	60
ctgtgtctac	gttgtcagaa	aaattgctcc	tttttaccac	cattgactca	tttctgtgtg	120
ttcaggtctc	ataaccagtc	tatagtcagt	gtcatcttgg	ggacagtatt	ccttgagttt	180
ctgatgttga	attcagtttt	gctggataca	aaattcttgg	cccagatttt	ctttgagtat	240
cttgatttat	tctgttttct	tccagcataa	agtgatgcat	gaaaagcctg	atgaatcttg	300
ttttcttccc	ctgacagaca	tatgctgggt	ttccttatat	gcccagga	tttttctctt	360
tctctgtcaa	ggcggtcggt	ntattcgaat	gagcatgtgt	agtatcggtg	g	411

<210> 2811

<211> 381

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 2811

tacggctgcg	agaagacgac	agaaggggtcc	aagcaagtag	ataatgtaat	aatcaaaaaa	60
taaatataaa	agtacaacaa	tactacatac	tctgaaggag	gggtagataa	atcatgctat	120
aaaggcatga	tcaaaataaa	aagtttggtat	ctgcacagag	aggtcagagg	tttctctgtg	180
gaagtaataa	gagaattaag	aactgaagga	aaagaagggg	ttaactatag	aacgacaaaag	240
aatcacattc	taaggaaagc	aaataacaag	cactaagatc	ctgtgggttg	agagaatatg	300
ttattcagta	gagccacaag	atgggtacctg	tggctagaat	gctagagaga	gagtagaaca	360
gataatacct	ctgtagattc	n				381

<210> 2812

<211> 394

<212> DNA

<213> Homo sapien

<400> 2812

ggcacgaggt	gacctcaggc	ctacataacc	tttctgtacc	tcaacttcct	catccagaaa	60
acagggatga	tgctgtctac	ctcattggat	ggttgtgcag	gatcaaagat	tcagtcattc	120
agcaaaccta	taccgagtac	ctactgtaca	ttcatgagtg	ctaggcagcc	agccttccag	180
gtgctcaggt	acatctgtga	acacaactgg	ctattggagg	aagcaaaatc	agtaacatga	240
cctgctctct	ttgatctgtg	ctacagaaaa	aaaggaaagt	ggagaggcat	cagggaagtca	300
ggagtgtctg	ggaggggctg	gtaacagtca	tggtatttaa	gaggagggca	ggcaggcctt	360
actgtgaagg	tggtatttga	gatgaagtag	ttgg			394

<210> 2813

<211> 386

<212> DNA

<213> Homo sapien

<400> 2813

tacggctgcg	agaagacgac	agaaggggga	ggatttttcta	attcttttttc	agttttgact	60
ctgtagtttt	tcataagcag	taggagcatg	atcatgagac	ttaggaggag	caaactttgt	120
cccagtatag	tttaagaaat	ctcatatctt	tatacaaaat	atgtttgcag	ctgaacttta	180
cataccatct	tggtgctgag	acagtcagat	aggtcctcct	gtgtgtatag	tgccatacaa	240
tcccaggaat	atgaaaattg	tatagattcc	tagttgctgg	ctagagaagt	gagagttgaa	300
atgttctaag	atataaggaa	atgcagggtt	tgcccttagtt	atatataaag	ttgtcatcat	360
agagcctagt	gctgaagagc	aaagga				386

<210> 2814

<211> 385

<212> DNA

<213> Homo sapien

<400> 2814

cgttgctgtc	gatttttaat	tgagcaaata	ttgtatagat	ggttcatttg	gtcacccatt	60
ttgaataata	tatggaaagt	taaaaaatgc	ttctcagata	caaaggaata	aagctaagat	120
gaagcttaac	gtgagggatt	acttactgtg	gaattgcatt	tcaaactggg	ctgaggtggg	180
atggtggtgg	tagataagag	gccagctaga	gtaaacataa	gctttgtagt	tttattattt	240
taagagtcag	agtcttggtc	tgctggccag	gctggagtgc	agtggctctg	taatggttca	300
ctgcagcttc	taactcctgg	gctcaagctg	tcttctcgcc	tcagcctcct	gagagctggg	360
actacaggtg	tgtgccacct	tgtct				385

<210> 2815

<211> 392

<212> DNA

<213> Homo sapien

<400> 2815

cgttgctgtc	gaaaaaaaaat	tagctgggcg	tggtggcaca	ttcctgtaat	cccagctact	60
tgggaagctg	aggcaagaga	attgcttcaa	ccttggaggc	ggaggttgca	gtgagctgag	120
attgcgcatt	gtacttcagc	ctgggcaaca	agagtgaat	gccgtcttaa	aaaaaaaaatt	180
tcaaacatgc	agcaaagggtg	aaagaatact	acagtgaaca	cccatatgcc	ttctgtttgg	240
attcgactgt	taaccaacat	ttaaccattt	tgctttaact	ctatatcctc	cctttcttga	300
atgatttgaa	attaaattgc	agatatactg	cttttccctg	taatacctca	ggatgcatgt	360
ctttgaaata	atgctttttc	ctacgctttt	cg			392

<210> 2816

<211> 406

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 2816

cgttgctgtc	ggcgccgggg	gcgagctta	tgaggcgcc	ggacctggga	agccgattcc	60
aatcagttgt	cagaccggg	aagcccgacg	ttccgctctc	ccgagtcctt	ctgtgggggtg	120
aggaatgggt	cttgtgaaat	tctgagcaaa	aacaaaggca	aactctatct	ccgaaaggga	180
cgtttgggtc	acatttcctc	tctgggggcg	gactccaaag	ttctcaaaat	gagaaggcag	240

aaatgaaaac	acttcaactt	tttttttctt	ttcttcccgg	ggcgggtgtc	ttgaaccct	300
cttctccccg	cccctctggc	tccgttctcc	tcccctctc	caccctctc	ccggactcgg	360
gggtggcgcc	tgacaccccg	acactttcgg	acactgtttg	ggtaan		406

<210> 2817
 <211> 405
 <212> DNA
 <213> Homo sapien

<400> 2817						
ccatcgattc	gaattccggt	gctgtcgaaa	attttaaagt	tccattttct	agccttacca	60
cgtatcaagt	gctccatagc	cacacgcagc	cagagcctac	tgtactgtgt	agtgtcagca	120
taaaacatgt	ccatagttgc	agcacgctcc	attggacagc	atgcttagga	caggagtgtg	180
gccttgtcta	cctggacctg	cccctaatat	tggctagcat	ctcctcacat	ggaattctgg	240
aagcctcgcc	cccttctttc	ctcaccccca	gctctgctcc	tactgtgca	gggccttga	300
tgtgcctgga	gcagaggcca	ggcaggccct	ggaagcagtc	ttgggctgta	tggatggggg	360
attccagatc	gtatatgtag	agcatactct	aaatgtgggg	cagga		405

<210> 2818
 <211> 386
 <212> DNA
 <213> Homo sapien

<400> 2818						
ggcacgaggc	aacatggcaa	aatcccatct	ctacaaaaca	tcaaaaaaaaa	aaaaaattaa	60
ccgggcctgg	gggggccacc	cctgaatccc	cattttgtca	ggaggctaaa	ggggaagaat	120
ccctggccc	caggggggca	agggatccag	ggaccaatgg	tttaaccatt	gctttttacc	180
tgggggaaaa	aaaggaaacc	ccgtttaaaa	aaaaaaaaaa	aagaaaaaat	tctaaaaaac	240
cttattttta	taaaacttaa	aaagggcggg	aaaaaatagg	ttttattatc	ttattttaac	300
aaagggaaaa	ttgggggcta	aaaaaataaa	agtttattgc	taagggcctt	gggcttaaaa	360
tttggaacac	ccttgtttaa	aatccg				386

<210> 2819
 <211> 386
 <212> DNA
 <213> Homo sapien

<400> 2819						
tacggctgcg	agaagacgac	agaaggggga	gacgtgactg	aggatacact	tgctgaatgt	60
attgattccg	tcagccttga	ggcagaaccc	agatccgaaa	tacccttgca	agaacagaat	120
tatctggctg	tggattcccc	tccaagtgga	ggaggatggg	caggctgggg	atcctggggc	180
aatctctctg	tgctgtcagc	atctgccaca	gtaggatcatg	gattgacggc	agtcaaggaa	240
aaagcaggag	ccactctacg	gattcatggg	gtaaattctg	gatcttctga	aggagcccaa	300
ccaaatactg	aaaacggagt	ccctgaaata	acagatgcag	ccacagatca	gggccctgca	360
gaaagcccac	ccactttccc	ttcatc				386

<210> 2820
 <211> 380
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(380)
 <223> n = A,T,C or G

<400> 2820
 tacggctgcg agaagacgac agaagggatc tccagcctgg cctggcctct ccgcagcggt 60
 tcagccacag ttgcacaggt gcggctggac ctggacctgc tgagggaggt tctcagggtc 120
 cggagctggc cttaggtggg caccatagtg agatcctgaa ggcttcgaag aggccacaag 180
 aagtacagga atatagccca gtcttagcgg aggccatgca gcagatgggg ccctggggag 240
 ggattccgga gcacctgggc ccatgctggg gctcagcatc gctgtctgtc cagggatgag 300
 catgcaaagg ccacatcctg ctgggtctaa gctctggatc ctgttgagga cagaactcag 360
 canatacagc tcagtgtctg 380

<210> 2821
 <211> 396
 <212> DNA
 <213> Homo sapien

<400> 2821
 gacggcgctc ggggtgctgc agtccaacct gccatgtgcc gagacacttc tgacaaacct 60
 ccaagaacac gtgatggctg ttactgcacc cgcgaaatca ctgacacgaa aagttcacgc 120
 tgggtgcctat cctacagaag aggggtgtcat cttcttggaa gtgaaagacc agctgctgct 180
 catgtacatt atggatttga cccacctcat tctggacaaa gcctcaggag gatctctcgg 240
 ggacatgatg cagttttgag actgggtggag attcgcacgg ttttggaaaa gcttcgtccc 300
 ttggaccaaa agctgaagta tcaaattgac aagctgatca agactgcagt gacaggcagc 360
 cttagtgaga atgaccctact tcgttttaag cctcag 396

<210> 2822
 <211> 382
 <212> DNA
 <213> Homo sapien

<400> 2822
 cctggcaaac cttgttggcc tggcagaaaa tataaccagc gaacgtgaca gtcttatgtg 60
 tttggcaaaa tgtttagaaa gtgagaagga tggagtgtct aataaagtca taaaaagcaa 120
 cattcgctg ggaaagttag aggaaaaagt caagggttac aagaagcagg cagcactgaa 180
 gctgggggac atcagtcacc gtctgctgga gcagcaggag gacttcgccg gcaagacagc 240
 ccagtaccgg caggagatgc ggcacctgca ccagggtgctg aaggacaagc aggaggtgct 300
 ggaccaggcg ctgcagcaga acagagaaat ggaaggtgaa cttgaagtta tttgggaatc 360
 taccttcagg gaaaaccgaa ga 382

<210> 2823
 <211> 382
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 2823

tacggctg	cgaagaacgac	agaagggaca	taccagggta	atactctgca	aaaagaacta	60
ggggtgc	cttaattat	taggaaaaac	tggacttcca	gaacaaaaag	caacattaca	120
gatgagttt	caatttacca	gggatacata	attttaaatt	tgtatacccc	taacagcata	180
actttgaaat	atattttaaa	aaattactgg	aactacggaa	tattcaaaat	cacaaaggga	240
cattttcaca	catctcacag	agggacattt	tcacacatct	ctctcaaaat	tgatgggtca	300
aatagacaat	aaatcagtaa	ggagttaaaa	ggtttgaaga	acacaattaa	gaagcttgat	360
ctaattggact	tacacagagc	an				382

<210> 2824

<211> 405

<212> DNA

<213> Homo sapien

<400> 2824

cgttgctgtc	ggcgcatgcc	tgtagtccca	gctacttggg	aagctgaggc	aggagaatct	60
cttgaaaccg	ggaagcggag	gttgacgtga	gctgatatca	caccactgca	ctccagcctg	120
ggaggttgca	gtgagctgag	atcgtgcccc	tgcactccag	cctgggcgac	agagtggagc	180
ttcgtctcaa	aaaaaaaaat	ttaaaaaaag	agcagcttct	actgcagcct	cctcttacct	240
tattgccttc	tcttgctctg	gtctccactc	aaagcatgca	gccttctggg	tgattttgca	300
gatgggtcaa	aacagcatac	tcaatgttgc	ctcccaaata	aaaaaaccta	ccgaccattg	360
tacttcttct	tttgtggtag	gtactgcaac	ttgcagcaac	ttgtt		405

<210> 2825

<211> 418

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(418)

<223> n = A,T,C or G

<400> 2825

cttggtctnn	nngcccatcc	catcgattcg	aattcggcac	gagtgggaagc	ctggcaggcc	60
actcgagttt	tctctaggag	gtaggctctg	actgcggctc	cagtcatttg	ctgagccctg	120
ttcagctgga	gctggatgaa	caaaagcttc	catgacaggg	ttggagttca	ggatcctctg	180
ttctatcctc	tctgcaatct	tgtggctctc	ccaagatgca	ggtgaggtgg	ccaccacagc	240
atagaacttc	attaggcagc	gagacgtcca	tgtctttcca	gcaccactct	ctccactgac	300
aacaatagac	tggttgactg	gttcaatcag	gctcttgaca	ttcctgtagg	tctgttcacc	360
cacagtgaac	acatggggct	tcagtttctg	gggctgaggc	gcagcatggt	actctctc	418

<210> 2826

<211> 404

<212> DNA

<213> Homo sapien

<400> 2826

cgttgctgtc	gctcaaagta	aaggatcgta	agaagaagaa	gaagaaagga	caggaagcag	60
gaggatTTTT	tgaagatgca	tctcagtacg	atgaaaacct	ctcgttccag	gacatgaacc	120

tttcccgc	ccc	tcttctgaag	gccattacag	ccatgggctt	caagcagccc	accccgatcc	180
agaaggcgtg	catacctgtg	gggtctattgg	ggaaggacat	ctgtgcctgt	gcagccactg		240
ggacaggtaa	aactgccgcc	tttgccctgc	ctgttttgga	gcgtctgatt	tataaacccc		300
gccaggctcc	agtcacccgc	gtgctgggtgc	tagtgcccac	ccgagagctg	ggcatccagg		360
tgcactctgt	caccagacag	ctggcccagt	tctgcaacat	cacc			404

<210> 2827

<211> 357

<212> DNA

<213> Homo sapien

<400> 2827

tacggctg	cg	agaagacgac	agaagggata	tttcttcaat	tcacatgaaa	acagcagaaa	60
gggagccctt	atgaagttag	aaaagctact	ctgaaccatg	cttctttcta	caagttagg		120
aaaacatttc	acgtaaaaat	gaacaacaga	ttgtgggtgat	ggttacacaa	ctctgaatat		180
aaaacactga	actgttggct	cacacctgta	atcccagcac	tttgggaggc	ggatcacaag		240
gtcaggagtt	tgagaccagc	ctgggtcaaga	tgggtgaaacc	ccgtctctac	taacaatata		300
aaaaaaaaag	aaaaattagc	cgggcatggt	ggtacgtgcc	tgtagtccca	gctactg		357

<210> 2828

<211> 361

<212> DNA

<213> Homo sapien

<400> 2828

tacggctg	cg	agaagacgac	agaagggcgg	ggaggctgag	gcagaaaaat	tgcttgaacc	60
cgggagggcg	aggttgcagt	gagccgagac	tgcaccactg	cacttcagcc	tgagtgcag		120
agtgagactc	catctcttaa	aaaaaaaaaa	gtttattctt	tcctgtgggg	taagcagagc		180
tgaagtttta	aaaagacagg	gggggatctt	cattagggaa	ctgggcaatg	ggcttctcat		240
gttaacaatg	ttgacaacaa	cagccaaaag	gaaaaatgta	aaaacccaaa	aaaaagctgg		300
cgcaggggct	cacgcctgta	gactggcact	ttggatggct	gaggcgggga	ttgcttgagg		360
c							361

<210> 2829

<211> 375

<212> DNA

<213> Homo sapien

<400> 2829

tacggctg	cg	agaagacgac	agaaggggtga	taaagtgatt	ctgcttctct	ttgacaactt	60
gcatctctcc	tacatggaag	taagttttat	tcctgtcaat	gttgtctttg	tgtgtgcag		120
attaggatta	aattatgggt	tgacttttcc	tagcagcgtg	atcatgggca	agtggctttt		180
tttttttttt	gaaaaaaagt	ttattttttt	tcccaggtg	gaagggcagg	ggcacaattt		240
gggttacttg	aaactccggc	ccccgggcca	aggggatttt	cgggtggaat	tttttaaaga		300
agtgggaacc	ccccccccc	cgggttaatt	ttggattttt	aggaaccaac	aagttttccc		360
cattgtggga	aaacg						375

<210> 2830

<211> 378

<212> DNA

<213> Homo sapien

<400> 2830

cggttgctgtc	ggattccagg	tgcattgctac	cacgcccagc	taattttgta	tttttagtag	60
agacgggggtt	ttacatgtt	ggccaggctg	gtctttaact	cttgacctcc	aataatccac	120
ccacttcagc	ctcccaaagt	cctgggatta	taggcatgag	ccagtatgcc	cagctgttac	180
ttttttttaa	gccattggga	aaagtgtttt	aagttacatc	ttgtttgctg	atatataaac	240
tacaagtttt	ctgttatgac	tttgaattca	caatctttct	aaacttaatt	aattctaatt	300
tatctatttc	tatctacata	atatctgtga	atgagttttc	ttttagaatc	ttacagcttt	360
tttgttctta	caatattg					378

<210> 2831

<211> 371

<212> DNA

<213> Homo sapien

<400> 2831

tacggctgcg	agaagacgac	agaagggggg	acgttatgtg	aatcttaagt	cttaccagtc	60
cttgcatag	tacattaaat	ttggatgttt	tggaaagcaa	ttcatagcat	cgtgagtgtat	120
ttctccaaag	aaaaaagcct	tgtccagcct	gaccaacatg	gtgaaacccc	atctctacta	180
aaaatacaaa	aattaactgg	gtgcagtggt	gcgcatgcct	gtagtccag	ctacttggga	240
ggctgaggca	ggagaattgc	ttgaaccctg	ggaggcagag	gttgacgtga	gtcgagatcg	300
cgccactgca	ctccagcctc	ggtgacagag	caagactcca	tctcaaaaca	aacaaacaaa	360
caaaaaaaaa	c					371

<210> 2832

<211> 375

<212> DNA

<213> Homo sapien

<400> 2832

tacggctgcg	agaagacgac	agaaggggtg	tcccagcccc	ctaagtgtga	gggtttggga	60
caggtggcaa	ggatgactac	agggagtcac	ctaagcaaac	tgaaagcagg	attcagaaac	120
atagtttaat	catagctcgg	tttactaaac	tataaaacat	tctgtccttt	tacttgaaag	180
aactagctga	atataaatca	caaacttgaa	aaaactactt	ggaaaccact	agtttagttt	240
ttattttaat	tttaaaaaat	ggtaataaaag	cacataactt	atgtgacatg	gaagcaaatt	300
taaaacattt	atgagtaatt	atatttttaa	agtattagat	accttagctc	aacaatagca	360
tagaaagtta	ggctt					375

<210> 2833

<211> 348

<212> DNA

<213> Homo sapien

<400> 2833

tacggctgcg	agaagacgac	agaagggggt	ctaagatttc	caaaatacta	taaaatattc	60
tcatgttctc	aaaggcagaa	ccagcctttt	aaaatttaat	ttaatcagca	ctttaaaaat	120
tatcctatga	attgatgggt	gtagactaga	tagttatccc	taactatttt	ttgtctcctc	180
ataacagaat	taaatctttt	tagctattgc	tatgtgtcct	gcctgtgcat	ctaattggaa	240
ttgtatacat	ccttgccctca	ctgatttagg	gcttgataat	atgacataat	ttgaccaatg	300
ggatgcaagt	acaataaatt	tagctccatc	ctggcagaag	cttcagcg		348

<210> 2834
 <211> 348
 <212> DNA
 <213> Homo sapien

<400> 2834
 tttcaagcgg tttacggctg cgagaagacg acagaagggt agcagactat taagatgttg 60
 agtaacaagg gaaatcaaca cggaattgta ggcctaaacc actggcttat aaccagatta 120
 tgggccccct taagaatctg ataagaagtt cgcattttct ttatccccag aatagacata 180
 cataaaaaata atgcatacta agtatctggc attcatagac tttccctaaa tacattaatc 240
 acacattatc agtccttgct gttaaagata ctacaggctc ttgaaaaatt ccctcttagt 300
 tctggtgtga agtactaaca gtgggttaat tttcaacca ttgattat 348

<210> 2835
 <211> 379
 <212> DNA
 <213> Homo sapien

<400> 2835
 tacggctgcg agaagacgac agaagggagt gctgggatta caggtgtgag ccactgcacc 60
 tggctgagac tgccttttga ctgatgactt atgttttagct ctgatgtgct gacagggaca 120
 aaatgctgga gaaggaataa aaaaggaata atccaacaag gatcaagaga acaggaaagg 180
 agacaatagc taatgaaagg tttccaacaa tttgggggag ttgaaaaaaa agagtcgagg 240
 taattgactt aacagagaaa gctacaacct cactgattac agaggggaac acggaaagga 300
 ggcaagccta tttaccccca cagaatcctg gaaaaattca gcaattggaa gtacaaagtg 360
 taggtgaggg aatgagcaa 379

<210> 2836
 <211> 374
 <212> DNA
 <213> Homo sapien

<400> 2836
 tacggttgcg agaagacgac agaaggggca caccgcgcgg gaagggttat caagtgccaa 60
 agatcaatgc tacctaccac ctgtacctgt atgggtgaag gcagaagaca gggagctcta 120
 ctctgccttc cactctccct atcttatctc ccctttccct gagcaaaata ttgtcacaat 180
 caacctgtag cagatgtttc ctgtgctttt caaacatacc aaaagtctgc tcatctttaa 240
 gtcaattcca ccacaacaaa gaggttgatt acaaagatcg tcaaagagct cacatgaaaa 300
 tagtgtttct ctgtccattt aaaaattact cagctgatgc acttacaagc ttctaattcta 360
 caataatgac gatt 374

<210> 2837
 <211> 372
 <212> DNA
 <213> Homo sapien

<400> 2837
 tacggctgcg agaagacgac agagggggct ccaaaagcat gaaacattta atgttcattt 60
 taatgtttgt gcaaattctg tacaattaaa tctgtaaaat atttagcact atttgtaaaa 120
 tacttaaatg gagacatata tcatgttcat tgaacagatg actcatcaag ataccaatta 180
 tccacaaact gatcaacgga ttcaacgtaa ttccattctt agtctgttta tgctgctatg 240

acaaaatacc tgagactggg taattcataa aaaacaaatg tatttttggtta ggtttggtgg 300
 tctggtagg gctatatgct cccgagggga gaaacaccat gtccgcatgt ggcagaaggc 360
 agaagagcga at 372

<210> 2838

<211> 378

<212> DNA

<213> Homo sapien

<400> 2838

tacggctgcg agaagacgac agaagggagt tgttaatgtc caaagctaac aagtaaccaa 60
 caaaaagttg gttaaacatt cttctagaca ttgcctgtag tagttaattt ggggaacaga 120
 tatctttttt gcatttgagt gtaagaaaag gaaaaagaca gtttgatat ggaagttctg 180
 ttgtgttctc tctcctcctc ctctctcaaag atgagtcatt taaagttgat tcaggtgcca 240
 gacaatgaaa aagaggggtg caatgtctgc catatgaatt gaaatgtttt gatgagaggg 300
 catctgcagg agaattatct ggggggtggtc tatctttctt tctctggctc tttttctctc 360
 ctggatgctc agcttctc 378

<210> 2839

<211> 344

<212> DNA

<213> Homo sapien

<400> 2839

tacggctgcg agaagacgac agaaggggca ggatatcgga agccctgatt agattctatc 60
 ctaagagcaa cagaagatca ctgacagtgt tttaaataga tagactagtt tattagattt 120
 gcagtttaga agttcccttt ttttgtaatt attggacagt gtagagaccg gatggtgaga 180
 gatgagttag gaagttgtga cagctctcta tacctaccgc taatgtagag gattatztat 240
 tttcatttca ttaccattcg tgtaagggtg gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt 300
 gtgtatatct agtttctcta tagaacatat atgggagaga gaga 344

<210> 2840

<211> 347

<212> DNA

<213> Homo sapien

<400> 2840

tacggctgcg agaagacaac agaagggggt ggcgggcgcc tgtgggtccca gctactcagg 60
 aggctgaggg aggagaatgg catgaacccg ggaggcagag cttgcagtgc gctgaggtcg 120
 cgccactgca ctccagcctg ggtgacagag caagactctg tctcataaaa aaaaaaaaaa 180
 aaaaacattg ccttgggggg ccggccgcgg gggtagaatg tccaacccgg aaacctttgg 240
 ggtgctgggg gtgctgttcc ccaagccaag gttttctccc cccccggccc cccccgggga 300
 aacccccttc ttttaataaaa atccaaaata acctgggggt gggggac 347

<210> 2841

<211> 347

<212> DNA

<213> Homo sapien

<400> 2841

tacggctgcg agaagacgac agaagggcac attttgttgc tggctaaagt ttctggcagt 60

gaatctgatg gttactttaa ggactaagac aaatattgtc agttcaggtc cttgggacct	120
atacctcaag aacctggcct atgcctatag ctgaccctct gtccagtact tccaaatgac	180
tagaatttct ggatcaaaaa caaaagcagg cagatcacta agatttggtc agacacaaga	240
aaataatgga tccaagaaag caagtttcct atgggttaaga ggtaagtaa caattgtaac	300
aggaagagaa aaagacatgt aatctacaca aggagggtag gggcagg	347

<210> 2842
 <211> 346
 <212> DNA
 <213> Homo sapien

<400> 2842	
tacggctgcg agaagacgac agaagggcac attttgttgc tggctaaagt ttctggcagt	60
gaatctgatg gttactttaa ggactaagac aaatattgtc agttcaggtc cttgggacct	120
atacctcaag aacctggcct atgcctatag ctgaccctct gtccagtact tccaaatgac	180
tagaatttct ggatcaaaaa caaaagcagg cagatcacta agatttggtc agacacaaga	240
aaataatgga tccaagaaag caagtttcct atgggttaaga ggtaagtaa caattgtaac	300
aggaagagaa aaagacatgt aatctacaca aggagggtag gggcag	346

<210> 2843
 <211> 346
 <212> DNA
 <213> Homo sapien

<400> 2843	
tctacgggtg cgagaagacg acagaagggg acagtggcac cacctgattt catgatgtac	60
catatgcact aacacatgtt tgaggtacag aattgaagct gatttttctg ctaaagatga	120
atttctatta acaatcccat ttttatattg tattattaaa acaaaaatac ctctctttgc	180
tagagagtat atgtatgact tatattatta actatggttt gcatttaaca catggccgat	240
tgectgtaaa tctgcttatt ttaacaacat acggtgctgg gcacagtggc tcacgcctgt	300
aatcccagca ctttgagagg ttgcgggtgg atcacttgag gtcattg	346

<210> 2844
 <211> 373
 <212> DNA
 <213> Homo sapien

<400> 2844	
tacggctgcg agaagacgac agaagggcct gtttaccagc tgggccaaca tggtagatat	60
atgagattca catatgggtt cattaaagca cataggaaag tgctcagtca atatttaatt	120
agtttaatta gataagggaa aggagaaatc ctaaatttga tggattcttt tatactgtga	180
atatatttcc atcagtgttg gtaagatatc aaatgactat cagttgatcc cagtcacag	240
tgacttattt gcataattta gccctattca caagagacca taatcatttt aatcttatat	300
tttccctcag gaaatttagg gactctgaag cccctatttt attctcttgg agtaaactgt	360
tgagtgtagt tac	373

<210> 2845
 <211> 345
 <212> DNA
 <213> Homo sapien

<400> 2845

tacggctgct	agaagacgac	agaagggcac	acaagggagg	tttgttgtaa	ttgtctgcta	60
tatgagaagc	ttttgtgaat	taccttgac	tttctgacct	gcctgggac	cttgccagt	120
ttaagtcact	gaaagtgtgt	actacaaaag	acttccatcc	actattagct	gatatcacag	180
tgtgtatcac	cttaaaatgc	ttagggagg	cagatagctg	tgctctctac	ctttatctgg	240
agttattgag	tctgatccct	tcgggcgagg	cctcattccc	actttcatgg	ctgggttggg	300
tcgagacatc	atccaacttt	ggacagagga	tacaggtctg	cttga		345

<210> 2846

<211> 374

<212> DNA

<213> Homo sapien

<400> 2846

tacggctgct	agaatacgac	agaaggggat	tgaagataag	acgggaattt	acatgggata	60
aaagaaaaaa	agtaccttaa	atgaggacat	tcccatgtat	gattaaaaaa	acattctgga	120
tgtaaacatt	aaaaacggat	ttctgtgtgt	caccctaaag	attttgagat	tcattgtatta	180
atttggtttc	agaaattaaa	gggattacaa	ttgctagtaa	aattgaactt	cgtaataata	240
ttttctctgg	tattagattc	agaaagccag	cgattagaag	agatgctaac	tgtgtttgga	300
ggtagcttct	ttatgaatag	gtaaaattgt	attttcaaaa	atttgtatca	taaacaatat	360
gtagtttccc	tgtat					374

<210> 2847

<211> 351

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 2847

tacggctgct	agaagacgac	agaaggggca	ttcgatcttc	taggtcacag	aagactttgt	60
tagctggtat	agcagacagg	gaaaagtgtg	cacattccca	tctttaagag	cactgcttct	120
aaattctgtc	actctttttg	ataggaaatt	accctaacag	cctcattttt	tccatcttag	180
ccttcacaac	aaataataaa	taaagaagga	gtgatatagt	catactgtat	tatactact	240
tactatactt	attcgtagtg	atactgtatg	agagtactgg	tcaggggatt	gggtattgaa	300
ggttctagt	ctggctctga	tactacctag	tagggcaatt	tagtcatgtc	n	351

<210> 2848

<211> 345

<212> DNA

<213> Homo sapien

<400> 2848

tacggctgct	agaagacgac	agaaggggtc	ccatgggggtg	cacagaatgt	ctgtgagact	60
gatggagtgg	agaacgccat	ccccagcct	ctccagctac	tcgaggcatt	ctgtagaaca	120
taagcccata	gattgtgtgt	gtgtgtgtgt	gtgtgtgtgc	atgcgcgcgc	gtgcgcactg	180
gaggaacctt	agaaactatg	tggcgcactt	tctcttattt	tagagctccc	agagtgtagc	240
tccagaatcg	taaagggata	tgctcagtct	cacagccagc	cgtgggatct	cagtcccaac	300

actcaccctt gtgctactga gtcagctcta agaaaatctg ccaag

345

<210> 2849

<211> 368

<212> DNA

<213> Homo sapien

<400> 2849

aattccgttg	ctgtcggcgc	cgggggcgca	gcttatgagg	gcgccggacc	tgggaagccg	60
attgcaatca	gttgtcagac	ccgggaagcc	cgacgttccg	ctctcccag	tccctctgtg	120
gggtgaggaa	tgggtcttgt	gaaattctga	gcaaaaacaa	aggcaaactc	tatctccgaa	180
agggacgttt	gggtcacatt	tctctctctg	gggaggactc	caaagtcttc	aaaatgagaa	240
ggcagaaatg	aaaacacttc	aacttttttt	ttcttttctt	cccggggcgg	gtgtcttgaa	300
ccccctctct	ccccgcccc	ctggctccgt	tctctctccc	tctctcacc	gtctcccga	360
ctcggggg						368

<210> 2850

<211> 347

<212> DNA

<213> Homo sapien

<400> 2850

tacggctgcg	agaagacgac	agaagggcac	tagctgccag	ggcagttggc	tgggcactga	60
gaggctgttg	gagccttctc	ttcttactta	cttctggcct	ttccaatttg	ctctatactc	120
ctatccatga	aaaccaacca	caaatccatc	tgtactacct	acccgtcatc	ttctctaaaa	180
gcaaacaaaa	caccacacac	acaacactat	actgtcttaa	aaagtctttg	caaatgcata	240
cctctgtgga	ttgaaagccc	tctcccagtc	ttcttatctc	aaaggccaaa	ctcaaatctc	300
acttcagtga	gactttcttc	cattctaaag	caagggctcc	cccaacc		347

<210> 2851

<211> 343

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (343)

<223> n = A,T,C or G

<400> 2851

tacggctgcg	agaagacgac	agaagggggg	aagctcaggg	ttggactttt	gatgcctcgc	60
aaagctgtga	tacagatact	tacacatcta	aaacagaagc	tgatgacaag	aacgatgaaa	120
aatgcatgaa	agttgactta	gtatcttttc	catcttcacc	tattatgggt	gataatgata	180
gctctggtac	aagtgataag	gatcatagtg	aaatacttga	tgggaattagt	aacataaaac	240
tgaattcaga	ggaagtaaca	cagagccaat	tagattcctg	tacaagtcac	gatgggtcac	300
aacagctaag	tgaagttagt	agcacaagag	agtgcctcgc	ttn		343

<210> 2852

<211> 374

<212> DNA

<213> Homo sapien

<400> 2852

tacggctgcg	agaagacgac	agaagggaca	aacaatagct	gagcacaggt	agagcgtgac	60
cagggagagc	gcggatgctg	gcgcaggaag	gctctgagga	aggctgcaca	cacaggatgg	120
ccctctccag	cttcacgtcc	tcagggttac	agatacagcc	ggggctggtg	gtcacagcaa	180
gcacctcca	tcctctgctc	tgctcctaag	ggcccccttct	ggtgtccagc	ctggggcctt	240
tgctaggtca	gagccaaggg	gatccgtggg	aagcatgtga	tggggcaggg	cagagggctg	300
gggcgagggg	ggagttcagc	acaggaggtg	tgtcacagtt	ggggcgtagt	tgtaagtgt	360
ggcctcatgt	gtgt					374

<210> 2853

<211> 377

<212> DNA

<213> Homo sapien

<400> 2853

tacggctgcg	agaagacgac	agaagggaaac	tcaggattca	gactccataa	aaaagcctga	60
agaaatcaaa	caatgtaatg	atgcacctgt	ttctgttctt	caggaagata	ttgttggaag	120
tcttaaattct	acaccagaaa	accatcctga	gacacctaaa	aaaaagtctg	atcctgagct	180
ttcaaagagt	gaaatgaaac	aaagtgaaag	tagattagca	gaatctaaac	caaagtaaaa	240
ccgattgggtg	gagacaaaat	caagtgaaaa	taagttagaa	actaaagttg	agacccaaac	300
agaagaactt	aaacagaatg	agagcagaac	aactgaatgc	aaacaaaacg	agagcaccat	360
agttgagcct	aaacaaa					377

<210> 2854

<211> 371

<212> DNA

<213> Homo sapien

<400> 2854

ggcacgaggg	cagaggttgc	agtgagccaa	tattgcaccc	ctgcactcca	gcctgggcaa	60
ccaagtgaga	ctgcgtcttt	taaaaaaaaa	aaaaaaaaaa	aaaagggggg	cggaaatttg	120
gggggggggg	cccaaatttt	ggatttttaa	aaaatttggg	gccggggggg	ggggcctaac	180
ccctaaaacc	ccaccttttt	ggaaggcaag	ggggggggaa	aaactggggg	ggggggttca	240
aaaaccaccc	gacccaacgg	ggaaaaaccc	ccgtttttat	aaaaaaaaaa	aattaacccg	300
ggattggggg	ggtggccctg	aatccccact	ttcccggggg	gtggggggag	gaaaactggt	360
taacctgggg	g					371

<210> 2855

<211> 347

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 2855

tacggctgcg	agaagacgac	agaaggggtg	ggaaaggcag	agaatgtctg	aattcttggg	60
tctcttcccta	acctgatttt	gagagagccg	tcatgacccc	acccttatcc	tagccttatt	120

ttctgcaatc	tcaatctgtg	tggggtaggc	tggatatctg	agggccttgg	caattccttc	180
ctggaatatg	gggaggagag	gagagaagag	tcanggccca	ggcttgggtc	agcctatggt	240
cttgacaggg	ggagagcttt	ccacagccag	gcctaccatc	aggggaacaa	ctggagggtc	300
ttaaakatgc	ccaggactca	aatccccgct	cttctacttt	tgggatg		347

<210> 2856

<211> 329

<212> DNA

<213> Homo sapien

<400> 2856

tacggctgcg	agaagacgac	agaagggact	ctggctgccc	agacaacatc	caggcctttc	60
cccgtaggca	gcgctgccag	gaggcagcag	tgaaggtccc	cttggctctc	tggccccagc	120
ctccctccct	gttccacctt	ctgcagtctg	aggcactcgc	tttggcctca	ggacacacct	180
gccttgctcc	ctctgcaggc	cataacatcc	ccttctctctg	acctcttcta	aaatctcttc	240
tctcacgtgg	ttccttcata	ctatggccca	ctggactact	gagcctaata	atccaaaaat	300
tgaaacccct	tttcttcaag	ggtgggaag				329

<210> 2857

<211> 325

<212> DNA

<213> Homo sapien

<400> 2857

tacggctgcg	agaagacgac	agaagggaaa	ataatcatga	aaacgatttg	cggaatgaga	60
taaaacttca	gaaattagat	gaccaaattc	tacaacttct	aaatgaaact	tctaattcaa	120
tagataacgt	tcttgagaaa	gaccccagac	caaaaagaga	cacagatata	acttctgaaa	180
gtgactatgg	aaacagaaaa	gaatgcaata	gaaaagtcc	tcgaagatca	aaaatccctt	240
atgatgcaa	aaccattcaa	actattaagc	accacaataa	aaactacaac	tcttttgtaa	300
gttgtaatcg	taaaatgaaa	ccacc				325

<210> 2858

<211> 380

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 2858

ggcacgagag	agagagacat	ctgacttact	gtagatgagg	nacctcaatg	caacgctgta	60
gctagctgtg	acaactgatt	agtcctctgg	gaagacaagc	gggttatatc	ctacgaacca	120
tgtctgatca	attagtagtg	gctgcctaga	actgcactgg	ccaatatgtg	aaccattggc	180
cacatgttgc	tacttaaagt	gagaaattca	ttgcttcagt	cacactagcc	atattacaag	240
tgctctatgc	ccggacactg	aacatttgca	tcatcacaga	aatttctatt	ggccagcgct	300
gacttagaac	gtcatgttgg	gaagagaagt	gaggccgtgt	ctaggaagca	tgagagatca	360
tcatggtcca	ttagcaatgg					380

<210> 2859

<211> 463
 <212> DNA
 <213> Homo sapien

<400> 2859
 cgttgctgtc gctctcctcg aggtgccccg ctgtgaccag cagacctgca cacagacgca 60
 agacaggata aacatctggg aagcacaggt atatgaggca cagaaacaca aggcactgtg 120
 gatgcctctt ctgtctggac agaaaactgg agtcaggaga cctctctgag tccccagaga 180
 cagaatcatc actactgtgt gtccttgga cttaaagtag taaaaaaaaa aaaaacccgg 240
 ccgaaagtcc acagcttgca ccttgaaaaa ggaccctcac aaaaacccaa ccattgctggt 300
 acctgatttg ggacttccaa acttccaaaa ctgtgagaaa aaaaatatgg ttgtggttta 360
 taagccaccc acactatggg attttattat accaccccaa ccaaacgggt agggtaaagg 420
 tagggatttt ggccaatttt taccttacc ctaacatta gaa 463

<210> 2860
 <211> 422
 <212> DNA
 <213> Homo sapien

<400> 2860
 ggcacgagga gagagagaga gttagagtta tagagagaga gagagagaga gagagagaga 60
 gagagagaga gagagagaga gagagagaga gagagagaga gagagacaga gagagagaga 120
 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagcggcc 180
 ctctctctct ttttttcgtg cgctcttgcg atagatatct ttttttctct ctgcgcgctg 240
 ttttctcaca cacacacaaa aaagcgctct cccctacac gccccccct ctctgtggag 300
 tgtagaatat gtgtgcgcgt gctttcttct tctctctctg tgaggggggt ttccccccct 360
 tcgtttgtgt gtgggctctt tatgtgtgtt ttctctcgcg cgcccgaca ttttaaaaaa 420
 422

<210> 2861
 <211> 380
 <212> DNA
 <213> Homo sapien

<400> 2861
 tacggctgcg agaagacgac agaaggggtc tgagtatagc aatatctgtc ttcaaaatgc 60
 aattttcatc catcagatct ttcatttctt catgattatg aaaatcctaa ataaaaaac 120
 agaaagtgtt agctagtact caataaaata acatatcatg attacctctg aagttaaaga 180
 ataacctgca catccatgca ctaaaaagg tactgtaagt ggatatccaa ctggagaaaa 240
 agttgaagca aaattttgaa ctttatagag cataaattcc aaaaagttca gaaatttatt 300
 taaagtcaat gaatttataa aagtaaacac gcacacacac atgcacacca gagagttttt 360
 aagagtttca gaattggaat 380

<210> 2862
 <211> 450
 <212> DNA
 <213> Homo sapien

<400> 2862
 tcttcttttt taggatccca tcgactcgaa ttcggcacga gtggtgttcc actagtatgt 60
 tgaaaatgtc atatcatgga gaatggagac accttccagg tgtctgttaa acccatcttc 120

tctgtgtact	tctggcatct	tttttggttag	gatcatttgg	caggggggag	gggtggaagg	180
cttttggcac	cattgaaacc	agttctggcc	catttgtttg	aatagctaac	atacacatca	240
gctctatacg	cttcatatac	cacctgatag	aaccctgtaa	taatgctctt	gaaagtgtaa	300
cactcatgct	tcctaccaca	agcaattaac	ataaagctta	tacgccagct	gtacgacgcc	360
cattgtttac	ataactcctc	tacttttaat	tcaaccatct	tttgaccccc	tcgattcgat	420
cagctccacc	tctagtctct	acgtatcgtc				450

<210> 2863

<211> 398

<212> DNA

<213> Homo sapien

<400> 2863

tacggctgcy	agaagacgac	agaaggggaa	gagctctagt	tctttgacag	ttgcagtgtc	60
aatggcttca	agtttattga	atgtctcaaa	attatgtttt	gagtaaggcc	tttgccttca	120
ctcaaattatt	caaattattt	tcatacataat	ttaaatctcc	aaatatatag	tgttttattt	180
tcagatatga	tatatactgg	aaacaggggc	aagtattctt	tatcaatatg	atacttttag	240
aaaataattg	ttttcatttt	tgtgaaattt	atttcagaca	gtctcaaccg	ccagtgaact	300
acagaaacca	atttactgga	ttgtagctgg	taaagccctt	gattatgaac	agatgctgct	360
tctcatggct	aatgtgaaat	gggatgtaga	aaaaaata			398

<210> 2864

<211> 408

<212> DNA

<213> Homo sapien

<400> 2864

ggcacgagga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	60
gagagagaga	gagagagact	ctctctctct	tacatagcta	gatatacaca	tatacacaca	120
cagacagaca	cacctgggtt	tgctctcccc	ccctctctgg	tgctcccaga	gctacgcttt	180
ttttgtgatg	tctctcgcg	tttctctctt	tgctgcacac	ctctactgcc	cccctttctc	240
ttttctctc	tcgcccgcct	tttttttttt	tttcgcacac	actgcccggg	gtgaaactcg	300
ttcccccccc	cccgcctctt	ctttttttat	gtcacgctcc	ccgagggagg	cgtaggctgag	360
aatggcttcc	atggagtctc	cccgtgaatg	cttttctctg	ccacaccg		408

<210> 2865

<211> 399

<212> DNA

<213> Homo sapien

<400> 2865

gatcaattcg	gcacgagagc	atgtgaaaag	tccctggggc	agaatcaagc	ttggcatctt	60
caaggaaatg	acagagaggc	ccatgttgca	tgggtggaga	ctggcatgag	atgaggctgg	120
agaagggtca	ggccacacag	ggctggataa	agggctctga	cttcattctt	ggtgtgatgg	180
gaagcccttg	gaggatttta	agcaaaaatg	tgccacgatt	catgctggtg	ggtctgtgga	240
agatggattg	ggataagggtg	gggagtaggc	tgggaagggtg	atctaccaa	ctccatcctg	300
ctatgaccgc	tgcccttaac	tatttaaagg	accctggctc	gaaggggtga	ggaggacatt	360
ttatcgga	cagagccctg	agggacctga	ccccatggg			399

<210> 2866

<211> 388

<212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 2866
 tacggctgcg agaagacgac agaaggggat gaggaagaaa tacgaaagca gtaaaatgaa 60
 caatgagaat ctgttaccca aactgatata aactccctca gaaagaaaga tactactccc 120
 taatcctgga agtggttaagt ggcaataatg atcaaagtgt gttaaagggga ttgttactac 180
 agctaatatg aaatgggagg ctggactaaa tctaaccctt ctacccttga tttcaattct 240
 aaaaggacac gtactaccat tgcagaaaga aaagacagtt ccaaatagata aatttttagag 300
 ttgttttgct aggatgcaag agaaattgga taagtggacc actcatatct tgctggtgag 360
 atatgaaata gtagagccac tgtggaan 388

<210> 2867
 <211> 409
 <212> DNA
 <213> Homo sapien

<400> 2867
 ctggagtgca gtggcaccat cttggctcac tgtaacctct gcctctgggg ttcaagcaat 60
 tcttctgect cagcctcctg agtagctggg attacaggtg acccgccac ctcggcctec 120
 cgaagtgtg ggattgcagg tgtgagccac tgcgtccagt ctcggcgcca agtttaagaa 180
 gagcatattg tcatggcctt acatcagtta tatgctcctg ggtaacaaac taccctcaaaa 240
 tgaagcgact taaaacagta agtccttggt catcatcatg tgggagtatg gatgtgggca 300
 gggctcatct ctgttctact tgctggccac gctagcaagg gcaattaaca gttggcaggt 360
 aggtgggctt gtgcttccca ttgccctcac ccacatgggc tttcagccc 409

<210> 2868
 <211> 413
 <212> DNA
 <213> Homo sapien

<400> 2868
 ggcacgagga agtaaccacc attcccacct ttcactgcct aggtccaag tctgaataca 60
 tttttgaaat aggaactccc ttttgcaaaa aagaaacctg ggtgtcagt aggtgaagtg 120
 acttgccta tgagcagaca gcatgccaaag aatggaatta ggctcaggat ccagcctggg 180
 ctaccctgt gtggctcatt cccaccagg aaactgaaga taaaagattt gggaaaacac 240
 accaagaaaa aggggcagtt ttctttgccc aagcatttgg tgctagttag aggtgttca 300
 ctctctcctg ctctctctcg gagtagaaat aaaggctgtg acacaaggaa gccagtgggg 360
 tgggagggag gcaccataat ccctccctat aaccacaga agactaacct gat 413

<210> 2869
 <211> 401
 <212> DNA
 <213> Homo sapien

<400> 2869

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ggcacgaggg aggcattccac ccacccagtg ggaatcggga tcgttccactg attcagcata      60
tctgccctgg gtgtccctgg gtgtggcagt cgggaaggca ggctccggtc gggatggcag      120
ggtcgggtggc cctgaagaag cccccacccc agcagggagg caggtatcca gttagcagga      180
gaaagcaaag tggatgatag atagcgaagg gtgaggggat gtcaggtgga gggcacagca      240
agtgcaaagg ccctgatatg ggaccaggaa aaggagctgg ggctgggccc aggtggagga      300
agagggcagcc tgcaagagtg ccagatgggc cccagtgggt tgtgtgtgca gaagtgcgct      360
ctggctccca ggtggagtgg ggcttatagg ggtcaggaac a                                401

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<210> 2870

<211> 414

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (414)

<223> n = A,T,C or G

<400> 2870

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ggcacgaggt ggtgctggcc cgggccagcg gggccttgcc ccctgagcgg ctgagccggg      60
ggtctggggg cacctctcag ctgcaccatg tggacgtgtg gccctcaac ctgctgcggc      120
cccggggtgg gcccggtat gtggatgtct gcggcctctt cctgctgcag atggcaacca      180
tcttgggcat ggtgcccgtg tggcatagcg cccggctccg gatcttcctg tgcctggggc      240
ctcgggaggg gcctggggcg gccgaggggc ggctgcgggc actgctgagc caactgagga      300
tccgggctga ggtgcangag gtggtgtggg gcgagggggc cggggctggg gaacccgagg      360
cggaggagga aggggacttt gtgaacagtg ggcgngaga cgcataggca gagt                                414

```

<210> 2871

<211> 398

<212> DNA

<213> Homo sapien

<400> 2871

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ggcacgaggg ggaacgcaca aaaaatgttt tctccaaaga agcattcggg tagcacaagt      60
gatagaaacc aggaggagag acagtgcatt aagacttcat cactgtttta aaacaacctt      120
gacattccag aactccacag acctgtggta aagcaggtgc aagaaaaagt gtttacttca      180
gctgcttttc atgagctggg cctccaccca catttaattt ccacaataaa tacggtctta      240
aaaatgtcta gtatgaccag tgttcagaag caaagtattc ctgtgttgct ggaaggcaga      300
gatgctctcg tgagatccca gacgggctca ggtaaaactc ttgcctattg catccctgtg      360
gtccagtcct ttcaagcaat ggagtcaaaa atacaggt                                398

```

<210> 2872

<211> 402

<212> DNA

<213> Homo sapien

<400> 2872

```

cacgcgagcc gagccaagat gtccaaccga gcggtttgtc gatatttttag ccacgccggg      60
agctgttaca cagcctcagg accgcagctg aatgcacatc tagaagggtg gctttcacaa      120
ggacaggcta caattagacc tgctagagcc attattgccc cccggagaat tatcctcctt      180
gggccttctc atcatgtgac cctctctcga tgtgcacttt acagtgtgga tatatatagg      240

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acacctctgt	atgaccttcg	tatcgacct	aagatttacg	gagaactgtg	gaagacagga	300
atgtttgaac	gcatgtctct	gccacagat	gaagatgaac	acagtattga	aatgcatttg	360
ccttatacag	ctaaagccat	ggaaagccat	attgatgagt	tt		402

<210> 2873
 <211> 391
 <212> DNA
 <213> Homo sapien

<400> 2873						
ggcacgagag	gacgtggagc	gctgccttcg	ggacacgggt	gtgcagggcg	tcatgagcgc	60
agagggcaat	ctgcacaacc	ccgcgctggt	cgagggcccg	agccctgccg	tgtgggagct	120
ggccgaggag	tatctggaca	tcgtgcggga	gcacccctgc	cccctgtcct	acgtccgggc	180
ccacctcttc	aagctgtggc	accacacgct	gcaggtgcac	caggagctgc	gagaggagct	240
ggccaaggtg	aagaccctgg	agggcatcgc	tgctgtgagc	caggagctga	agctgcgggtg	300
tcaggaggag	atatccaggc	aggagggagc	gaagcccacc	ggcgacttgc	ccttccactg	360
gatctgccag	ccctacatcc	ggccggggcc	c			391

<210> 2874
 <211> 382
 <212> DNA
 <213> Homo sapien

<400> 2874						
ggcacgagcc	aagatgtcca	accgagtggc	ctgccgagaa	gccagtcacg	ccgggagctg	60
gtacacagcc	tcaggaccgc	agctgaatgc	acagctagaa	ggttggcttt	cacaagtaca	120
gtctacaaaa	agacctgcta	gagccattat	tgcccccccg	agaattttca	tccttggggc	180
ttctcatcat	gtgccccctc	ctcgatgtgc	actttccagt	gtggatatat	ataggacacc	240
tctgtatgac	cttcgtattg	acaaaaagat	ttacggagaa	ctgtggaaga	caggaatgtt	300
tgaacgcatg	tctctgcaga	cagatgaaga	tgaacacagt	attgaaatgc	atctgcctta	360
tacagctaaa	gccatggaaa	gc				382

<210> 2875
 <211> 386
 <212> DNA
 <213> Homo sapien

<400> 2875						
ggcacgaggg	cggctgcgcc	gggacatcag	tgagcgcggc	cgggacatcg	aggggtgtcat	60
caagcagtac	aacaagtttg	tcaagccctc	cttcgaccag	tacatccagc	ccaccatgcg	120
cctggcagac	atcgtggtcc	ccagagggag	cggcaacacg	gtggccatcg	acctgattgt	180
gcagcacgtg	cacagccagc	tggaggagcg	tgaactcagc	gtcagggctg	cgctggcctc	240
ggcacaccag	tgccacccgc	tgccccggac	gctgagcgtc	ctgaagagca	cggcgcaggt	300
acggggcatg	cacaccatca	tcaggggacaa	ggagaccagt	cgcgacgagt	tcattcttcta	360
ctccaagaga	ctgatgcggc	tgctca				386

<210> 2876
 <211> 367
 <212> DNA
 <213> Homo sapien

<400> 2876

tacggctgcg	agaagacgac	agaaggggtt	tgctataaac	gtgtgtttat	ttagtcctaa	60
tggtgttagg	atgattctca	cttggtat	aacctcacc	tgattttacc	acaggcttat	120
attgacataa	ttttaactta	gtgcttctca	agggagattg	gggtggagtc	aggatgtttg	180
gaattacctt	ttggattgta	acagactatt	ggccaggcaa	gctaaaagtt	ttgcagtact	240
gatgagctgt	agggggaaga	attgcttcag	ccaaaatgcc	actagctccc	cttttgaaaa	300
cagtacaagt	ttaacttaaa	ctaaatctta	atgacagtga	aagttaattc	ccagttatta	360
tctttga						367

<210> 2877

<211> 357

<212> DNA

<213> Homo sapien

<400> 2877

tacggctgcg	agaagacgac	agagggggat	acaactaaag	aaagagatac	acgatgacct	60
agatatatga	gtgaagaaat	tatccagaat	gtatcacaga	gaaggaaatg	ggcaaaaaga	120
aagagggtaa	gatatatatt	tataaacaca	cacatacaca	tattacataa	aatgagaaag	180
tgacatgtct	ttcattagtt	ttccaagagc	agaagggaaa	aataatggga	aaggataga	240
caatatttga	tgagataata	gttgagaatg	tttcagagct	gataaaaagc	accatgacaa	300
atgtgagaag	ctgagagaac	tgcaagcaga	ataacgtaaa	gaaaatatgc	ttctaag	357

<210> 2878

<211> 376

<212> DNA

<213> Homo sapien

<400> 2878

ggcacgaggg	gctaccaatt	tgagaccatt	ggtctggtag	atacactttc	attaatatat	60
ttactccatc	actctttcta	tatttttaga	gttactagta	gaaatgtatg	caggagtcac	120
tggagacctt	attaaaatgc	agcttctgat	tcagttagct	gggtgggggc	ctgagagtct	180
gcatttctcc	caggctccct	ggtgctgcc	gtggtgctgc	tctgagtaac	aagggggtgg	240
ggaatgat	ggagccgtcc	attattatcc	catctgacaa	atgagtcaca	gagcccttag	300
gtaattgagg	tgggatcagt	ctgattctgt	aagctgtgtt	ttcagccaca	acatttactg	360
caaacttgg	gtaggg					376

<210> 2879

<211> 367

<212> DNA

<213> Homo sapien

<400> 2879

tacggctgcg	agaagacgac	agaaggggtc	gtaaagatta	tttaggttcc	cctgattttt	60
ctaagcagtt	taccaggtgt	ttacataagt	catggaaaaa	tatggatgg	acattcttgg	120
aacttcatgt	tctgagcagg	atagtgactt	cctattgtac	ttgacaggat	gaagtatctg	180
caagatgtgc	cttcaggcag	ttaaataact	tgacctgctg	ttagaaatct	tttttatttt	240
ttattttatt	ttattttgg	ttattttatt	atttttttga	gacggagcct	cactttgttt	300
cccaggctgg	aatgcattgg	tacgatctcc	gttcacacgc	tctgcctcct	gggttcacgc	360
cattctc						367

<210> 2880

<211> 364

<212> DNA

<213> Homo sapien

<400> 2880

tacggctgcg	agaagacgac	agaagggagt	ggcaaatgtt	catgctggct	taaatatcgt	60
ttggctactct	tactcctctg	gtttggattt	acaggatcca	aaccaaggat	ccaagccttt	120
agttgggttaa	cagtttagttg	attagttggc	actcattttg	tcacatgatt	caggatgact	180
gggggaaaac	aggatattgg	ggtatatctt	taactttttc	acttctaaga	taatctacag	240
tttccctacc	tctcgctcat	accttcccta	tccaagatca	gaacttcaga	ccgtcccat	300
gggaatatga	gggctgggtg	gaagggagag	gaactagtta	caggtatttc	tgaatttcag	360
tttg						364

<210> 2881

<211> 369

<212> DNA

<213> Homo sapien

<400> 2881

tacggctgcg	agaagacgac	agaagggtaa	ggtgctggga	tatggctgag	aacaaaacaa	60
agtccccatc	cgcacagagc	tgacattcta	gaacagaaga	tagacaataa	acaaggtaca	120
caggcaaaat	acatggatgt	tgatgaaga	agaatcccat	ggagaaaaaa	ataaaaacaa	180
gaaggagagt	tgctatgaca	gtgaggccaa	gataattgca	ggaaagtagc	cctgatacca	240
aggagacaat	aaaccactac	ttcaggactt	ctagttattt	aagacaaata	aactggtttt	300
ggttaagtct	ctgttaattt	gtttttcttt	acttacagct	gaatgaattc	ctgagaccgt	360
gtgtaggaa						369

<210> 2882

<211> 334

<212> DNA

<213> Homo sapien

<400> 2882

tacggttgcg	agaagacgac	agaaggggtcc	aggtaacaac	cctgcacata	tatcccagaa	60
tctaaaataa	aaatggaaat	tataaaaaaa	aaagaaatta	aattgtgaag	aagacaaagt	120
atcaaaagac	cttttctggt	agagtctaac	aatgttcaaa	tttagcttct	tggaaataac	180
ttttaaatag	ctaagagcgt	caacagaaaa	ctgtggacta	caggaaaaga	actgcttcat	240
atttcccga	tcttctcaaa	cttgggtatct	gcatatcaat	gacttttagat	tttattttta	300
tggtgctggt	acttttgcta	aggaagtatt	atgg			334

<210> 2883

<211> 341

<212> DNA

<213> Homo sapien

<400> 2883

tacggctgcg	agaagacgac	agaagggaga	cgaaatagta	ctcatgagaa	aacctacaag	60
gaaatagaca	atagaatgag	gcagaggttg	cagtgaagctg	agatcacaca	ttgcactcca	120
gcctgggtta	gaagatctca	aaaaaagaaa	gtgtcatcat	ctactagatt	ggaaatatca	180
gatattcttg	agtctttctt	ctccctcata	tacaggtagt	catccagttc	ttcaaaatct	240
cgttgaaatg	tggcttcccc	tccagccagt	ctactgccta	tcagtactta	cctgtctgtg	300

cattagcccc caccgacctc tatcccacca gcactctgct g

341

<210> 2884

<211> 352

<212> DNA

<213> Homo sapien

<400> 2884

tactactgct	gcgcggaagac	aacagaaggg	acacagaata	agttctatag	atctaagtga	60
cagcatggag	actacagtta	ataatactgt	attgtatatt	taaaatttgc	aaagagtaga	120
tcttaagtgc	tctcaccacc	aaagaaaggt	aactgtgaaa	agagatgtaa	actctatctg	180
gactagagta	acctcagttc	actaaggtca	ttatgaatat	gtatatcaga	acatcatgct	240
atacacctca	gatacacaca	atttcaatta	aaaaatttta	aaaagaagaa	atcagtctgt	300
gtcacattcc	agtgatcttt	gtttcataca	ttgctttggc	tgaaggaagg	gg	352

<210> 2885

<211> 344

<212> DNA

<213> Homo sapien

<400> 2885

tctacggctg	cgagaagacg	acagaagggg	ggaggatttt	tgatttttct	actttttgtt	60
gaaaaaagga	atttgtactc	tgtgcattgg	atggacttgt	ttggacttg	ggattttcct	120
ctcttaaccg	tcaacatcag	tgttggaaat	ttgctaaact	gattcacttt	tagcagcaga	180
ctttgaactg	cagtcctgcc	aacgttggac	actgaggacg	cccgacagag	cttgtgcacc	240
taagctgcag	accaagcctt	tgcccagaat	ttaaggattc	caatggacga	cctatttgca	300
cagaactgca	tgctgattat	cactgccttt	actccttttt	tttt		344

<210> 2886

<211> 335

<212> DNA

<213> Homo sapien

<400> 2886

tacggctgcg	agaagacgac	agaagggggt	aaaaaagaac	catggagacg	gatgcattaa	60
ctaagcccag	gggtcctttt	tcaatcctca	tctcacttga	cctgttggtt	ccatttaacc	120
agatctcttc	cttgaaacgt	ttttattttt	tttttacttt	gcttccaggg	ttttgttaca	180
tgtttctggt	acatgttaaa	cttctttctg	ttggagtgcc	ccatgggttc	gtccttccac	240
ttctcttttc	tgtccacact	ctgggtccaa	tttcattcag	attcattcat	gatgtaatat	300
accacctata	agctgatttc	gacacttaag	atcag			335

<210> 2887

<211> 334

<212> DNA

<213> Homo sapien

<400> 2887

tacggctgcg	agaagacgac	agaagggggt	ccattcctgg	cttgatggtg	tccttgagac	60
aacagctggc	attcacagta	caggtattta	gtactggagg	gagcacagca	gaacttatct	120
ttaaataatt	gcattttttt	ttttgttttg	acctgtatgt	tggtcccaa	aaggaagggg	180
tcaagggggt	tgcttttatt	tctcctaatt	caaaacatac	caggggttttc	aacattctat	240

caaaaacttt taaaggcaaa tggttaaaatc actccatctc actcaaagga tagcatttag 300
gagaaacaat agaccaatca ataagcttgg gagg 334

<210> 2888

<211> 338

<212> DNA

<213> Homo sapien

<400> 2888

tacggctgcg	agaagacgac	agaaggggaa	taaccagaa	aatatttctt	actgttgata	60
atctgcagtt	tgcaagtgc	gcgaatcttg	taggtagatt	taccttgagt	ttttttgaaa	120
cggtagaatt	aatatattaa	aacatatggt	ttttagttaa	aataggatgt	taaaggaata	180
gagcgcacga	acaaaaaac	tttccacttg	aacctatgtt	gtttcatctg	acagtgggta	240
tggtgtccct	ggcaggatag	ggcttccacc	tcctgctggg	gccggtagga	cagggaagag	300
gtggggaaca	ctgtgtctcc	atctcccaag	catcttaa			338

<210> 2889

<211> 347

<212> DNA

<213> Homo sapien

<400> 2889

tacggctgcg	agaagacgac	agaaggggga	aaaccaacgt	gttcggtgac	agaccccagc	60
gccgactgag	cctctaaagc	gacttcagct	ctgccccacc	aacaccaccg	cgcgccccgg	120
aacagccgct	ccgggaagaa	acctgagggg	actgcggggg	gcacgagggg	cagctgaggg	180
aagggaggac	gcgagagaaa	cagcgcgagc	acgctgaggg	ccggggggtt	ccaggagagg	240
ggcccgcgga	cccgcatagc	ggaggaaggt	ccgggagaaa	aggggcccgg	cggaggagaa	300
tccgggatcg	cctgggcagaa	aaagagaagg	gagtttctga	atcctgg		347

<210> 2890

<211> 378

<212> DNA

<213> Homo sapien

<400> 2890

ggcacgaggg	tgcccttctt	ggccaccatg	ctcttcatca	tgggctacgc	cgtgggctgg	60
ggccccatca	cctggctgct	catgtctgag	gtcctgcccc	tgcgtgcccc	tggcgtggcc	120
tcagggtctt	gcgtgctggc	cagctggctc	accgccttcg	tcctcaccaa	gtccttcttg	180
ccagtgggtg	gcaccttcgg	cctccaggtg	cctttcttct	tcttcgcggc	catctgcttg	240
gtgagcctgg	tggtcacagg	ctgctgtgtg	cccagagacca	agggacgggc	cctggagcag	300
atcgagtcct	tcttccgcac	ggggagaagg	tccttcttgc	gctaggtcaa	ggccccgcc	360
tggagggggc	caaacccc					378

<210> 2891

<211> 432

<212> DNA

<213> Homo sapien

<400> 2891

cggtgctgtc	ggctcttcag	taggagattg	gtttaataaa	ttatggtaca	tttccttcaa	60
tgactgtgca	gtcctcagaa	gagattaggc	tgatctttac	caattgacgt	gaaaagatga	120

tgatattaag	tgaaaaaaaa	acaggttgct	ggctgggcat	ggtggcttat	gcctataatc	180
ctaacacttt	gggaggccaa	ggtaggagga	tcgcttgagc	ctaggagttt	gaggctatcc	240
tgggtaacaa	agtgagaccc	atctctacaa	aaaaaatcaa	gaaattatct	ggatgtggtg	300
gcacatggtc	ccagctacac	tggaggctga	ggcgggagaa	tcacttgagc	ccaggagggtg	360
gagtctccag	tgattcatgt	ttgtgttatt	gcactccagc	ctgagcaaca	cagtgaagacc	420
ctgtcttaaa	aa					432

<210> 2892

<211> 434

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(434)

<223> n = A,T,C or G

<400> 2892

annncaattc	ggcacgagga	gagaactagt	ctcgagagca	gnnnnnttttt	tttttttttt	60
ttttttttac	aaaatgcccc	cttgggcccc	aggggcaaaa	atttaccttt	gcttaggggt	120
tttttttttt	taaaaaacca	accggtttta	ataccctctc	tttaccctct	ggaaccattg	180
gggggaaaaa	aaccctttgg	gaaaaaccca	tttttcaaag	gaagggttcc	ccgggggggt	240
tttaataaaa	atattgttgg	gaaaaaaacc	aaaaagccct	ttgatttaaa	aaagggataa	300
agggaggggc	cctgaaaaac	cccccccttt	tttatttttt	tttggggggg	ataaaaccta	360
aaaagaaaaa	gggttttttcg	cccttaaaaa	agaaaaattt	gccccccaaa	aataaccccc	420
cttaaaaaaa	tttt					434

<210> 2893

<211> 425

<212> DNA

<213> Homo sapien

<400> 2893

ggcacgagga	gagaactagt	ctcgagagca	gttttgttca	tctcttcttt	ttgtccttta	60
tctctctgcc	actgttctca	cctcatccta	aaacctgggc	aggaggggtt	gaaacctatc	120
agaactaaag	gttaatatct	catctccctc	aggctttttt	catttaaaaa	aaaaatgggt	180
atattagtta	aattaaaata	cttgttgtaa	aattattgtc	aaaggggaag	ggaaatacat	240
ctaggggaaa	catcatgtct	tttaggccct	ttatgtcact	gaatgactta	aggctcgaca	300
aatgatattc	ttggaaagtt	taatcttgag	gttttcaaata	cttttttttt	aatggctccc	360
atgtttctca	tttgtctgatt	gattcattag	ttgtctctta	gaagatttcg	cagtgggaaa	420
taatg						425

<210> 2894

<211> 403

<212> DNA

<213> Homo sapien

<400> 2894

ggcacgagac	cattcttgcc	tcagcctcaa	ttccattctt	tgcttcagcc	ctagcatcaa	60
cttcagctcc	aacgccagcc	ccagcagcct	cttccccagc	tgccccagtc	atcacagcac	120
caactatccc	agcctcagcc	ccaactgcct	cagtcccact	tgccccctgc	tcagcttcag	180

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ccccagcccc agccccctacc ccagtctcag ccccaaatcc tgccccacct gccccagccc      240
agactcagggc acagaccacac aaaccagtcc agaatccact acagactaca tctcagtctt      300
caaaacaacc accaccatca attaggctgc cttcagctca aacacctaatt ggcacagatt      360
atgtagcctc aggaaaatcc atccagaccc cacagtcaca tgg                               403

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<210> 2895
<211> 387
<212> DNA
<213> Homo sapien

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```

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

```

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<400> 2895
ggcacgagag aggaagcagc ggcagggcga ggacctggcc catgtccagc acccgacagg      60
cgctgggctt cagccccagg aggaagacag ccaggaggaa gaagaggagg atgaggaggc      120
tgctcaagg tactatgttc ccagctacga ggaagtgatg aacacaaact actcagaagc      180
aaggggagag gagcagaacc cgaggttgag catctctctc ccgtcctatg agtcactgac      240
ggggctcgac gagaccaccc ccacatccac cagggctgac gtggaggcca gccctgggaa      300
ccccctgac aggcagaact ctaagttggc caaacgactg aaaccactga aagttcgaag      360
gattaaatct gaaaagcttc acctcan                                           387

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```

<210> 2896
<211> 405
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

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<400> 2896
cgttgctgtc gctcgtaaat gtcataaaat tttttaacat tttgcatcag gactcaataa      60
aagcccagca tcataattga ctgaaatgtc tttttaactt cttttcatct ataagttctc      120
cttctatacc ttttattatc attataatta ttattactag gtcatttcac ctgtagattt      180
tccacagtca ggattttcct gattgtatca ccacggttgt aggattctag aggcttgaac      240
atattaacat tcaatagttg agggagatgc aaaaccactc tctaggtggt gacgttattc      300
catcaggaag cacataatgt ccaattggct atttagtggt attagcagct acttatacat      360
aatagatcca gtaaatcatg agagactggc tngngtatggt agctn                               405

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<210> 2897
<211> 419
<212> DNA
<213> Homo sapien

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<400> 2897
ggcacgagggc aataatcaac agttctaagc ctaataaaga gagctcttaa tcagctcagt      60
ggtggttaaa accagctatc ttttaaagaa gagaaaaaac aaaacacagc aatgccttgt      120

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ctcttcagaa	aattgtttta	aaaagttagc	caggcatagt	tagtggccca	cgcctgtagt	180
ccgagctggt	tgggaggttg	aggtgggaag	attggttgag	ccaagattt	tgaggctgca	240
gtaagccata	attgtaccac	tgcactccag	cctgagcgac	agagaacaag	accctgtctc	300
ataaataaag	tgggggaagg	ggtgcaaaat	tacactgtga	gaagccaaga	agtttcaaag	360
ttctatttat	ttttctaagt	cattcttaat	cattatttgg	tgtttcagt	tttgaattt	419

<210> 2898

<211> 387

<212> DNA

<213> Homo sapien

<400> 2898

tctacggctg	cgagaagacg	acagaagggg	aaaaatctct	ggtcattctcc	gagaattaac	60
ttgcaactgt	tttctatagt	gctgtcgtct	tgggcaatgg	gcaattacat	gacttttgtgt	120
ttgcttcctt	tgcagtcttt	tttttttccc	cccatttttt	cctaatagga	aaaaaaaaaa	180
aaaagggccc	ccctgggtggg	gcctatttct	ggtggcgggg	aactttgaag	tcccaaaaat	240
ttggaggggg	ggttttttta	cccttggggg	cggggggggc	cggtttctaa	tttttaattt	300
ttttaaaaat	ccgggctaac	ctccggggga	aaaaaactgg	aaaccgcttt	tattaaacct	360
ttctttataa	aaaatttttt	ttttatg				387

<210> 2899

<211> 411

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 2899

cggtgctgtc	ggccacgaac	acagccttgg	gcccttggtg	atgcgcgcgc	ctcttgagtc	60
ggtcagatgc	caaacgcaaa	aaaaagcctt	ctcctctaaa	gacacggaaa	tgcaccgagt	120
ccggctctga	ctcaccacca	aatccttacg	gtcccccaac	tcggcagcca	aaatcgaaaa	180
ctactctcgt	ctcagcgccc	ccgctgttga	ttacctgcca	ttccgcacgg	gcgcctgcgc	240
cccggccggt	gtcgcgcgact	tcggacggca	tcccgagact	acccttctca	aggccgtatg	300
accagtccga	gctgccatga	tagactctcc	gaagccgggtc	gtgacctccc	ggaccagccc	360
tgcagcaccg	acctcctctg	gtcggggccc	gagcccgggt	ccggtctctt	n	411

<210> 2900

<211> 407

<212> DNA

<213> Homo sapien

<400> 2900

ggcacgagaa	ggccgtgggg	ctggagcatg	tgggtgcctg	ctggggagcc	tgggtcaggg	60
acagggatcat	ggagtgtagg	ggactggacc	acccagggca	tgcgagtggc	tgagccaggt	120
tgcgggcaga	gggtggccag	gggcccattg	gagcatttgc	aggtgagctc	cctggggagg	180
gttactgtgg	gcgtggacga	ggctgcctgg	gcgtgtggct	cagggccggg	cctgggtgagg	240
tggctgctgc	aggggtggctg	atgacagaca	ggtcttgggg	aggaggaccc	gggactcggg	300
atgagcctgc	gtctggctgg	gtggtgcctg	ctccttgttt	tgtggtggga	gactgaaggg	360

gagctgagggc tttggcggca acgggccttg tccagtgggg cattttt

407

<210> 2901

<211> 401

<212> DNA

<213> Homo sapien

<400> 2901

ggcacgagca	cagtgccctt	ggaggtgttc	agcttatccc	aggctgctga	cctggctaac	60
aagggcccg	agtgggagaa	gagccatgcc	gaaattgcag	aacaggccaa	gcatgaggcc	120
gagatcgaga	ctcggattgc	tgagctgcgg	aaggagggtt	tctggtcact	gaagaggctg	180
cctaaggtgc	cagagccccc	tcgccccaaa	ggtcactggg	actatttgtg	cgaagagatg	240
cagtggctct	ctgctgactt	tgctcaggag	cgccgttggg	aacggggtgt	ggcccgggaag	300
gtgggtgcga	tggtgatccg	gcaccacgag	gagcagcggc	agaaagagga	acgggcccgg	360
agggaggagc	aggccaagct	gcgtcgaatt	gcttccacca	t		401

<210> 2902

<211> 375

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(375)

<223> n = A,T,C or G

<400> 2902

tacggctgcg	agaagacgac	agaaggcaga	catacgggca	cgcaccacca	tgcccagcta	60
atttttaa	atttagtaga	tctgcggtct	cactatgttg	cccaggctgg	tcacaaactc	120
ctggcctcaa	gtgattctcc	ttccttggcc	tccaaggcca	ctgggattcc	aggcatgagc	180
caccatgcgc	agtctcattt	ctgttttatc	tagaacatgt	tttcatcaca	ctgacttttt	240
tgagaagtcc	aggccaattt	taaatttcat	tttgtctttt	tatcagtgga	aaagtagcat	300
atttatgttg	cacgacaaag	atgaatcana	taggaagaan	atgtaaaaca	catttggggc	360
cgggcacagt	ggctn					375

<210> 2903

<211> 350

<212> DNA

<213> Homo sapien

<400> 2903

tacggctgcg	agaagacgac	agaaggggat	ctgtcttttg	aaacacataa	acatgtacat	60
acataaacat	acaaattgct	ttcaacgggt	tatggaatat	cttatagcaa	attaaagatg	120
agtatgtttg	tcattcaatt	atgaaagatg	ttgatataaa	taaatttatt	catatatttc	180
aaaaagtatg	tagggcttcc	agtcaaggta	aagaaacaga	gaccacattt	actgtcttcc	240
ctataataga	aaaaacccag	aaaatttatg	aaatgactgt	ttttttagac	attggacaac	300
aaagaacagt	gacctctgag	acacaggata	caagatgagc	cctaaaagtg		350

<210> 2904

<211> 369

<212> DNA

<213> Homo sapien

<400> 2904

tacggctgcg	agaagacgac	agaaggcaga	catacgggca	cgcaccacca	tgcccagcta	60
atTTTTaaat	ttttagtaga	tctgcggtct	cactatgttg	cccaggctgg	tcacaaactc	120
ctggcctcaa	gtgattctcc	ttccttgGCC	tcccaaggca	ctgggattcc	aggcatgagc	180
caccatgcgc	agtctcattt	ctgttttata	tagaacatgt	tttcatcaca	ctgacttttt	240
tgagaagtcc	aggccaattt	taaatttcat	tttgtctttt	tatcagtgga	aaagtagcat	300
atTTatgttg	cacgacaaag	atgaatcaaa	taggaagaaa	atgtaaaaca	catttggggc	360
cgggcacag						369

<210> 2905

<211> 372

<212> DNA

<213> Homo sapien

<400> 2905

tacggctgcg	agaagacgac	agaagggtag	cacactgaat	tatgggggtg	gtgtttgtgt	60
gtgtgtgtgt	gtgtgagaat	tctaagctac	cttgtgattc	tcataattag	ctaggttttg	120
aaactcttgt	gtgatatggg	ttttattttg	tattttttgc	tttatgtaaa	acgtcaatgg	180
tttgctgact	ctttaatctt	acaattattt	tacatttgaa	ccttgccctc	agcccatat	240
atttaagtac	tttgaatata	catgaataaa	tttagttgac	cattaacagg	agtgggtgcc	300
aacatttctt	aacctactgt	gttattttta	tctattttga	gagatggggg	cctgctctgg	360
tgccccacgt	gg					372

<210> 2906

<211> 363

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(363)

<223> n = A,T,C or G

<400> 2906

actacggctg	cgagaagacg	acagaaggga	ttctcaattg	caaattgggtg	aatatccaac	60
tccagatggc	ttccttaagc	aacaaaagga	gtttcttagt	ttgagcagag	gttgatccag	120
tgagtcaata	atgtcaccaa	gaaatgtgtg	tgtgtgcgtg	tgtgtgtgtg	tgtgtgtgta	180
tgtgtgtttc	catgtgtctt	ttgtgccatc	tatatcagtt	tcaccctatt	gttgagaggt	240
gactcatgct	cacatgatgg	gtggcaacaa	ttacagagnt	aatgtttttc	tcatatacat	300
ttaaaatttg	acaaagagac	aaagagatat	ctttgtctta	tctcagcctt	ttaattcgca	360
ccg						363

<210> 2907

<211> 375

<212> DNA

<213> Homo sapien

<400> 2907

cgttgctgtc	gcataaattt	ttgttttttt	cactgatgga	tctcaatgct	tagaacagtg	60
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tctgggtgcat	agtagaagct	caataaatgt	ttgttgaatg	aatgaacaaa	tgaaagaggt	120
ggctgggggt	atgctgtttt	atataaggtg	gatcaaggaa	gggctctctg	ataagagaat	180
gtttaagcag	agatggaatg	aagtgagggc	cagaatcttg	ctcatatctg	gggaaagcat	240
ctctgggcac	aggaagagcc	agtgttaagg	ccctgagcca	ggaacatgct	tggtccttgg	300
aggaacacca	catctgcttg	tgactgaagt	ccagtgagag	taggaaagag	gagatgggga	360
gtgaaaacag	catag					375

<210> 2908
 <211> 374
 <212> DNA
 <213> Homo sapien

<400> 2908	
tacggctgcg	agaagacgac
agaagggcca	cgtggaactg
taagtctatt	aaacctctct
60	
ttatTTTgtA	aattgcccag
cctgttatgt	ctttatcagc
agcttaagaa	tggtattaata
120	
cacccacaaa	agaccaatca
gaggcatcat	ttctcccaaa
acttaaagtc	ttactgctt
180	
ccccgagttg	ctgattatat
aattattgaa	aaataaaata
ttaaagatgca	gcaatacatt
240	
tgcaatatTT	atatttctat
tatcataatt	cccagagtgg
ttttttagac	ctatctctaa
300	
gtatatatag	attcaataacc
aattcaatga	gttctctaac
ccagagatct	ttgattttatc
360	
ttctatgggt	aggc
374	

<210> 2909
 <211> 352
 <212> DNA
 <213> Homo sapien

<400> 2909	
tacggctgcg	agaagacgac
agaaggggtca	ctggataaat
ttattgaatc	tattcagtcA
60	
attcctgagg	ctttaaaagc
tggaagaaa	gtgaaactat
ctcatgaaga	agttatgcag
120	
aaaatcggtg	aactctttgc
tctaaggcac	cgtataaact
tgagttcaga	cttcttgatt
180	
actcctgatt	tctactggga
cagagaaaac	ctggaaggac
tttacgataa	aacgtgtcaa
240	
ttccttagca	ttggccgaag
agttaaggtc	atgaatgaaa
aacttcagca	ctgcatggaa
300	
ctaacagatc	taatgcggaa
tcacctgaat	gagaagaggg
cactccgctt	gg
352	

<210> 2910
 <211> 340
 <212> DNA
 <213> Homo sapien

<400> 2910	
tacggctgcg	agaagacgac
agaaggggat	cagcctgggc
aacatagtga	taccctatct
60	
cttaaaaaag	aagaagtttt
taaatttgaa	ataataatag
gtactggatt	tatgcaaagt
120	
tcttttctgc	gtcttttgag
atgagtatca	ggtttttttt
ttttcctttt	atcatcgag
180	
gaggaactta	aggttcccat
ttgtattaag	ggaaaactaa
gcccctctgt	gattttctgaa
240	
ccaagctatt	cctaggcctg
agttttatTT	tgttgaccca
aaaataaatt	aaaaggccaa
300	
ccgtgggggc	atgtccctgt
agccctagtt	gctgaggaaa
340	

<210> 2911
 <211> 339
 <212> DNA
 <213> Homo sapien

<400> 2911

tacggctgcg	agaagacgac	agaaggggta	ctttttatat	caagtacttt	gtatttagtc	60
cttagcttgg	gaggcaagta	ttgcaaactc	actgtacctt	tgatgataaa	agtagctaac	120
gttgattgag	tgctctctat	gtcctggggc	ctgttctaag	aactttgatg	catccttatt	180
tagtgcttaa	aataaaccta	agagggctaa	gtactattat	gatttccatt	ttacacgaaa	240
ggaaactgat	ctgccaggtc	acatacctag	taagggattg	ttctgggctg	aagaaaaagg	300
atgcatggag	gggagtatct	tgcccaaggt	cacgttatg			339

<210> 2912

<211> 334

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(334)

<223> n = A,T,C or G

<400> 2912

tacggctgcg	agaagacgac	agaaggggatg	tgacatggac	tcatgcaaag	agcagaatct	60
tattcaaagt	tgagcattcc	cgtttatgaa	ttttatccag	atactctaag	ttgtcaatgt	120
gaaccctggt	cagtaatctt	cagcgaggac	agtattattg	cttttcatgt	aaaacctcaa	180
ttattaatag	ttttaaatga	caatttttct	ttagtatatc	taaaaatatt	ttgttcaaat	240
ataatcaagt	ggaaaatatt	ggacagaaat	gagtcatcca	caaaaagtat	cattgaaact	300
aggggaatta	gagctttgaa	tataaacttt	ctan			334

<210> 2913

<211> 344

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(344)

<223> n = A,T,C or G

<400> 2913

tacggctgcg	agaagacgac	agaaggggaaa	caacttaaag	acgaaataaa	gaaaaaagat	60
gaaaagatcc	aactattaga	acttcagctt	gcaactcagc	atatctgcc	ccaaaaatgt	120
aaagaggaaa	aatgcactta	tgctgataaa	tatacccaaa	caccctggag	acgaattcct	180
ggtgggtatt	ctgctccctc	cttctctcct	tggcagggct	ccttccaggg	gatcccacgg	240
actgttcac	cgcaccgcag	acagacctca	agtactacag	ccttccagca	gccttcccag	300
accacagat	cacaccag	gaaaactaat	aaagccacaa	cgt		344

<210> 2914

<211> 337

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 2914

tacggctgcg	agaagacgac	agaaggggat	tctgtaactt	ctgcgttttt	tcattctgctt	60
gatcaaggca	ttttggatgt	actgctaata	gaatatggca	ctgtttttacg	gtttatgtgg	120
cttctgttct	tgccacagtt	gttgacacagt	ggtaattgat	gttttctctg	gtgccacact	180
ttttaataat	ctattggaag	ctcatccctc	ctcccccatc	ataaccatat	tcagcaccca	240
ttttaaatct	acttttcttc	cttattttgtg	ctacagaggt	tgatggcgta	aattttccta	300
cttggaagaa	attactttat	cagttaattt	cagggtt			337

<210> 2915
 <211> 342
 <212> DNA
 <213> Homo sapien

<400> 2915

tacggctgcg	agaagacgac	agaagggggc	tttccgagcc	cgcttgcacc	tcggcgatcc	60
ccgactccct	tctttatggc	gtcgtccctg	tgctgtgggc	cgaagctggc	cgcttgcggc	120
atcgtccctca	gcgcctgggg	agtgatcatg	ttgtaatcca	cccaccgcca	cttcaagaag	180
aaatgatatg	aagaagtgcc	ggttctccct	cccctcttcc	gcactgtccc	gtgatgatga	240
cgctccaga	gaggacgata	atctgggttc	ctgggagaga	tggcttggtc	actattccca	300
cccttgccctc	gaccacttgt	ctcaatgtca	ccacctcacg	cc		342

<210> 2916
 <211> 390
 <212> DNA
 <213> Homo sapien

<400> 2916

ggcacgaggc	aatctgggat	ggtgaatttt	atgtatccac	ttgactgggc	caggggctac	60
ccagagattt	agtcaaatat	gatactggga	gtttcagtga	gaatgtttct	aaatgagatt	120
gacattggaa	ttggtagact	ggggaaagca	gatggccctc	cctaatatgg	gggtgggggg	180
gtgggtggcg	cttcatccaa	ccaggggaag	gcctgaatag	aacaaaaagg	ctgagtaaga	240
gagagttcct	tctgcctgac	agcctttgag	ctgagacact	gctttttggg	ctgagctgaa	300
acattggctc	cttctgggtt	tcagagcctg	ccagtccttca	gactggagct	acaccacagc	360
tctcctgggt	ctcaggcttg	tagactgcca				390

<210> 2917
 <211> 367
 <212> DNA
 <213> Homo sapien

<400> 2917

tacggctgcg	agaagacgac	agaaggggta	gtcagaaaag	ggtcattgtt	tttgattgtt	60
tgtaaatctt	tttaatggct	cgcttaatat	aacatagcta	gattctcatt	tacttctctt	120
ttcagtctgt	aaaactatta	catgtcatga	agcctctaga	aaactcagct	cagcggggcg	180
cggtggctca	ggcctgtaat	cccagcactt	tgggaggccg	aggcgggttg	atcacgaagt	240
caggagatcg	agaccatccc	agctaacaat	ggtgaaacct	tgtctctact	aaaaatacaa	300
aaaattatcc	gggcatgttg	gtacacgcct	atagtcctcag	ctgctcggga	ggctgaggca	360

gaagaat

367

<210> 2918

<211> 412

<212> DNA

<213> Homo sapien

<400> 2918

cggttgctgtc	ggccacgaac	acagccttgg	gcccgaagtgt	gatgcgcgcc	gctcttgagt	60
ccctcagatg	ccaaacgcaa	aaaaaagcct	tctcctctaa	agacacggaa	atgcaccgag	120
tccgggtctg	cctcaccccc	aaatccttcc	ggccccccaa	ctcggcagcc	aaaatcgaaa	180
actactctcg	tctcagcgcc	cccgtgttgg	attacctgcc	attccgcacg	ggcgctgcg	240
ccccggccgc	tgtcggccgac	ttcggacggc	atcccagagac	tacccttctc	aaggccgtat	300
gaccagtccg	agctgccatg	atagactctc	cgaagccggg	cgtcacctcc	cggaccagcc	360
ctgcagcacc	gccctcctct	ggtcggggccc	ggagcccggc	tccggtctct	tc	412

<210> 2919

<211> 394

<212> DNA

<213> Homo sapien

<400> 2919

ggcacgaggt	gagacaccgt	ctcaaaaatt	aacataaaca	aaacaggtca	aaaatcagtt	60
gcacaagtgt	tatgaaacca	ggatattctgc	agctctgtct	cttggtttatt	aagatatgca	120
cagtttctga	atcaacaaat	atatctgtga	ttcttttata	ctactacata	aaagaacagg	180
agtaattctt	gccttataaa	ttaaatgtca	aacatttcct	atatgtaatc	atttgttcct	240
aaaatatgat	ttagtcccag	catgcttacc	cctgttttct	ctttttctct	ccagctccta	300
tctagttctt	caacaaatcc	tgtcaactct	accttccaaa	tgcctcttga	atccagccat	360
ctcaccacct	ccaacactac	caaccattttt	cttg			394

<210> 2920

<211> 448

<212> DNA

<213> Homo sapien

<400> 2920

gcaggatccc	atcgattcgg	gctgggtgaga	cacgatcccc	tcctaagaaa	atgtatgtgc	60
tcagacaggt	aaccactgct	gctactgttt	ttatttggtt	gtttgttcaa	ttttatttaa	120
gatttggttt	tgttgtaacta	ggatttttaa	aaatgtaata	tattgcagga	tttataacca	180
ggttcactga	ctgcttgctt	gctttctttt	tttttttttt	tttccctcaa	aaaaaaacaa	240
accaaggttt	tttttaaaaa	acttttagcc	ccctttggac	ctggattttg	gaaaggttcc	300
aaaaggggac	aaaaatctgc	tgtggaaatt	ttttattttt	ccgggttaaa	ttgaaaaggt	360
ttttattttt	gtttggaatt	ttggggggga	ttttattttc	ttttttccca	agcccttttt	420
gccatcctgg	ttgggggggg	gggccaac				448

<210> 2921

<211> 347

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 2921
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 agcattgatg ccctgggagc tctttgagct gtactgacag cattggctgt ccccatctgg 120
 cttttctcat ttcttaagta gttatgtggt ctccaggagg cagncactgc tctgtccgta 180
 ttgtcagtat ccttgatggc cctctttatg gtttgacact ggaagaccct gcaactgttc 240
 acttgggcct ttttgaaatg ctaagaggct tggatacctt ttttagatgt accaggaaaa 300
 gaaatagtct atgccttgca gtaaactcct aattctacca gtggggn 347

<210> 2922
 <211> 402
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 2922
 cgttgctgct ggggggtcccc accccgatcc caacgcctgg gcctctcctt ctctgtcccc 60
 caggtgcccc gtgcgaggtg cccctggcgg gagatgcggt aggaggggag agcgcgagaa 120
 gccccttctt cggcgctgcc aaccggccac ccagcccatg gccaaccccg ggctggggct 180
 gcttctggcg ctgggcctgc cgttctctgt ggcccgctgg ggccgagcct gggggcaaat 240
 acagaccact tctgcaaatg agaatagcac tgttttgctt tcatccacca gctccagctc 300
 cgatggcaac ctgcgtccag aagccatcac tgctatcac gtgggcttct cctcttggc 360
 tgcttctgct ctggctgtgg ggctggcact gttggtgcgg an 402

<210> 2923
 <211> 371
 <212> DNA
 <213> Homo sapien

<400> 2923
 tacggctgct agaagacgac agaaggggtga tctactgagg cccctcctc agggagctag 60
 atttctcag ggtgcctgtg gagagatgaa ggcactggct gtggagcctg atgggcctgg 120
 gttccagtc tggcctcacc actttgagct gtgtgatctc gggcaacacc ctgaagctct 180
 tggatccctt gttctctctg ggcgggggaca ttgtctgctt cacagggcaa ttgtgaggg 240
 tgaaggagat gttacgggag gttgtaagca gcgggttaca aagctgctcc tctccccata 300
 caggggggtga gcttcattca ttcattcctc ttatgtcagt ggcctccagt gggaccccc 360
 atgccaaggc c 371

<210> 2924
 <211> 350
 <212> DNA
 <213> Homo sapien

<400> 2924

tacggctgcg	agaagacgac	agaagggggc	cgctgccttc	ctggagcagg	acagtcaggg	60
agctcactgc	tttctggagg	aggaatgtag	gtgagaccgg	gacaggaagg	ggatgggtg	120
cccacaaccg	gctgatgtga	aggagtccca	cttagggatc	caggaacagt	gggaatagca	180
ctgctggggg	ccaagagggg	cacttgctcc	atgggcccaa	gcagtctaga	caccttgggg	240
gatgagggag	cctccccctg	tgtcaggaga	gccctggggg	ccccacaca	cagtgaggga	300
aggggaaaac	ccacagcact	tgctcaagg	ctgcaggttt	tgaagacctt		350

<210> 2925

<211> 347

<212> DNA

<213> Homo sapien

<400> 2925

tacggctgcg	agaagacgac	agaagggggc	ggcgccggag	agatggcgga	gttggacatc	60
gggcagcact	gccaggtgga	gcattgccgg	cagcgagatt	ttcttccatt	tgtgtgtgat	120
gattgttcag	gaatattttg	ccttgaacac	agaagcaggg	agtctcatgg	ttgtcctgag	180
gtgactgtaa	tcaatgagag	actgaagaca	gatcaacata	catcttacct	atgctctttc	240
aaagactgtg	ctgagagaga	acttgtggca	gttatatgtc	cttattgtga	gaagaatttt	300
tgcttgagac	accgtcatca	gtcagatcat	gagtgtgaaa	aactggg		347

<210> 2926

<211> 345

<212> DNA

<213> Homo sapien

<400> 2926

tacggctgcg	agaagacgac	agaaggggga	caaaatagta	ctcatgataa	aacctacaag	60
gaaatagaca	atagaatgag	gcagaggttg	cagtgaagctg	agatcacaca	ttgcactcca	120
gcctgggtaa	gaagatctca	aaaaaaagaaa	gtgtcatcat	ctactagatt	ggaaaatatca	180
gatattcttg	agtctttctt	ctccctcata	tacagttagt	catccagttc	ttcaaaaatct	240
cgttgaaatg	tggcttcccc	tccagccagt	ctactgccta	tcagtactta	cctgtctgtg	300
cattagcccc	caccgacctc	tatcccacca	gcactcctct	gtggc		345

<210> 2927

<211> 346

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(346)

<223> n = A,T,C or G

<400> 2927

tctacggctg	cgagaagacg	acagaagggg	cacaagacgg	gatggcaagg	gctttcagac	60
gcattttcaa	gagtccagca	agccaggggg	aagatgatcc	ctttgccgaa	gcgtaccctc	120
tagccaactt	ttgggagcgc	ttctgtttgc	aaagcgctgg	ggatgtgctt	gtctctgtgt	180
gacccacgaa	cggggaaggga	gagcactgga	gtaatgacac	ttctgctgct	gctttgattc	240
tcaaggctga	tctttaaaac	cctcgcttgc	ctgacaagtg	ctttaaaggc	agtctgcata	300
ttttcttccc	ttggtgtggg	agaggtaaac	actttgattt	gctgan		346

<210> 2928
 <211> 341
 <212> DNA
 <213> Homo sapien

<400> 2928
 tacggctgcg agaagacgac agaagggcct gcctatTTTT aatattatta aagcctttct 60
 ccttcagtag tctatTTTT tagaataaca actcttttat ctattctgaa ctctatTTTT 120
 tttctTTTT aagagacaag gttttgctct gttgcccagc ttggactcga actttcctgg 180
 gctcaagcga ccttcctgcc tcagccccc aagtagctgg gactaaagtc atgtgccacc 240
 acaccagct tactctgaac ttttatgaca gatgattgtt ttttgTTTT aatgtagaaa 300
 tgagacaagg gtacaaattg gaactaaaaa ttgacattgt g 341

<210> 2929
 <211> 343
 <212> DNA
 <213> Homo sapien

<400> 2929
 tacggctgcg agaagacgac agaaggggca caagacggga tggcaagggc tttcagacgc 60
 atttccaaga gaccagcaag ccagggggaa gacgatccct ttgccgaagt gcactctcta 120
 gccaaacttt gggagcgctt atgcttgcaa agcgtctggg atgagcctag ctctgtgtga 180
 cccacgaacg ggaaggcaga gcaactggaga actgacgctt ctgctgctgc tttgattctc 240
 aaggctgac tttaaaacc tcgccttgct gacaggtgct gtaaaggcag gctgcatgtt 300
 ttcttccctt ggtgtgggag aggtaaacac ttagatctgc tgg 343

<210> 2930
 <211> 342
 <212> DNA
 <213> Homo sapien

<400> 2930
 tacggctgcg agaagacgac agaaggggca caagacggga tggcaagggc tttcagacgc 60
 atttccaaga gtccagcaag ccagggggaa gatgatccct ttgccgaagt gtaccctcta 120
 gccaaacttt gggagcgctt ctgtttgcaa agcgtctggg atgtgcctgt ctctgtgtga 180
 cccacgaacg ggaagggaga gcaactggagt aatgacactt ctgctgctgc tttgattctc 240
 aaggctgac tttaaaacc tcgccttgct gacaggtgct ttaaaggcag tctgcatctt 300
 ttcttccctt ggtgtgggag aggtaaacac tttgatttgc tg 342

<210> 2931
 <211> 400
 <212> DNA
 <213> Homo sapien

<400> 2931
 cgttgctgtc ggcgtgtgag tgtgtgttcg cgctcgtgcg tgtgtatgtg tgcgtggggg 60
 gggagagaat gcacaaacac tcgaggtggt ttgtatattt gactggtgaa tttcatagtt 120
 gtttttctgg ggttacttag aatttgagag tccgcgagaa gcattaagaa gaacattact 180
 gataaaaaag gaggggtggg aagccccctac acttctcccc gagggatatcc ccgctgcagg 240
 cttctttata tgtttgatt cccagacct cttgttttga ggcgtgatat aaattcacc 300
 tctcatatat ttaaaaatat cggttgaaca cctgctatat tctaggcacc gacgagacag 360

cagtgcagcag acgagaatgc ctgctctcct ggagccacaa

400

<210> 2932

<211> 417

<212> DNA

<213> Homo sapien

<400> 2932

ggcacgagag	gattcaaagc	aggcacagtg	gtgtacactt	aaagtcccag	ctactaggga	60
ggctgaggca	ggaggattgc	ttgagcccag	gagttcaagg	ccagcctgag	caacatagt	120
agactccatc	tctaaaaaaa	aataaaaaata	aaaataaata	aaaaatacaa	ctaattggaaa	180
gggcaagaaa	aaaaaaagaa	aaaaattaaa	agtgattcgg	agcagtattc	ctgcaaaaag	240
ctcccggcgc	atgtatat	acagaaaata	tgtacatgca	gcaggcccaa	aggccaccaa	300
agggcaaagg	gcttctgtaa	cagttcaagc	ctctggctga	cccagggact	ggctgcttca	360
cacttgcccc	catggctcca	aaggggtagg	agacaggttc	cctcacaccg	gaggcaa	417

<210> 2933

<211> 404

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 2933

cgttgctgtc	gattcagtat	aggccatgct	cccttttatt	aagatgcaat	tttcagaata	60
tgtagactgg	cttagatgaa	atttgatcaa	tttatttagt	tgctcttctg	cgtttgctaa	120
aagtgcagt	gtgggtggca	tcacacagt	gtcggagtca	gaactggctt	ttgataccag	180
tagttgacct	ttgacaagta	tttagtcttt	ttaattgtag	ttacctcact	ggaaattaag	240
gagaaaataa	caataacctt	tttcatagca	ttgttgggta	gattaaatga	aataagtaag	300
atgcctaata	tgatacttag	cacagagtga	acacttggta	aatagttatt	gttagctaaa	360
aggcgtagtt	tccttgatgc	ccaaatggaa	gattccattt	cagn		404

<210> 2934

<211> 389

<212> DNA

<213> Homo sapien

<400> 2934

cgttgctgtc	gttcaaactt	tccaacggaa	cttgtttgct	ctttgatttg	gtttaaacct	60
gagctgggtg	tggagcctgg	gaaagggtga	agagagagag	gtcctgaggg	ccccagggt	120
gcgggctggc	gaaggaaatg	gtcacacccc	ccgcccaccc	caggcgagga	tcctggtgac	180
atgctcctct	ccctggctcc	ggggagaagg	gcttgggggtg	acctgaagg	aaccatcctg	240
gtgccccaca	tcctctcctc	cgggacagtc	accgaaaaca	caggttccaa	agtctacctg	300
gtgcctgaga	gcccgaggcc	cttcctccgt	tttaaggggg	aagcaacatt	tggaggggat	360
ggatgggctg	gtcagctggt	ctccttttc				389

<210> 2935

<211> 399

<212> DNA
<213> Homo sapien

<400> 2935

cgttgctgtc	gcttccccag	gggcccctga	gttcagtcct	gtccgtctcc	agcagacgcc	60
ggcttccccg	gggtgggagg	ctccccctgag	ttcagtcctg	tctgtctcca	gcagacgccg	120
gctccctggg	ggcgggaggc	tccgggcctc	cccagagggtg	tttccattct	gctcccatgt	180
ggcctcttca	ttttgtcggt	gtccccctcct	catatacact	ctcttttcatt	tttaaaccat	240
aattactgta	gacaaattta	aaatacaaaa	atgttaaaaa	gcagcaagaa	caatcttaat	300
cttttttttt	ttttgaaacc	gccttgcttt	gcccccccg	ttggaggcca	ggggggcatc	360
cccgtttcat	tgaggcctca	acctctgggg	ttcaagcag			399

<210> 2936

<211> 403

<212> DNA

<213> Homo sapien

<400> 2936

ggcacgagag	cgaccggtta	tcctcttttt	cccccttgcc	tggctcctgt	ggtggcaggc	60
tgggcacgag	gaccatgctg	ggccggagcc	tccgagaagt	ttctgcggca	ctgaaacaag	120
gccaaattac	accaacagag	ctctgtcaaa	aatgtctctc	tcttatcaag	aagaccaagt	180
ttctaaatgc	ctacattact	gtgtcagaag	agggtggcctt	aaaacaagct	gaagaatcag	240
aaaagagata	taagaatgga	cagtcacttg	gggatttaga	tggaattcct	attgcagtaa	300
aagacaattt	cagcacttct	ggcattgaga	caacatgtgc	atcaaatatg	ctgaaagggtt	360
atataccacc	ttataatgct	acagtagttc	agaagttggt	gga		403

<210> 2937

<211> 379

<212> DNA

<213> Homo sapien

<400> 2937

tacggctgcg	agaagacgac	agaaggggtg	ggaggctgag	ggaggagaat	cgctcgagcc	60
caggaggtgg	aggctgcagt	gagctgtgat	catgctactg	cactcccgcc	tgagtgcag	120
tgagaccttg	tctctaagta	aataaatgtt	ctgagatttt	tttctatat	tccaatggat	180
catcttatgc	atccccagag	gtgcatacac	acactctttc	aagaccaatg	atctatataa	240
attatacgat	ctctttatta	ttataagaga	agggtctcac	tatgttggtc	aggctggatt	300
caaactccta	ggcttaagtg	atcctcctgc	ctcagcttcc	caagtagctg	ggactacagg	360
cacacactac	cactcccag					379

<210> 2938

<211> 388

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(388)

<223> n = A,T,C or G

<400> 2938

ggcacgagga	aacaaaaaca	aattggcctc	tgggttgac	aaaggtgggg	gaggccagag	60
gagctctgca	aaagctttga	aaactaaatt	gatcttagaa	ccagagccct	gctggccaca	120
gaaagtgcac	cctgaatcta	aacaggttga	gtgcctgcta	atacagaata	tttaaacagg	180
aactacagtc	tcataacata	acactcaaag	tgtccaggat	aaaattaaaa	cttactcctc	240
atactaagaa	ccagaaaaat	tcgaacccag	aaaaattact	cctcatacta	aaaaccagaa	300
aaaatctgaa	tgaggaaaga	caattaacac	taagatgaca	aaaatggttg	aattattgca	360
tagggatttt	agatgagcta	tcttatan				388

<210> 2939

<211> 374

<212> DNA

<213> Homo sapien

<400> 2939

ggcacgagat	aacacttgcc	acaacttggg	aaattccatg	ggtctatgcc	acattgctcc	60
cagagtaatg	aggcaaaata	gtgctctgtt	atagaattgc	ttgtttcaca	atacatcatg	120
acagataacc	atacaacatg	gaatgacaca	aacataatat	gccacactcc	acaatatgta	180
atgctcgtct	tccagggggg	ttcagtctaa	ggtaatctct	accaggaaga	aaagctagat	240
gacttttagac	atgtgcattg	gtttggacct	tctaattagt	tgaattttta	cttattttga	300
catgagagat	tacatagaat	ctctatgttg	cccaggttgg	tctccaaatc	tgctcaaaca	360
atcctccccg	ctca					374

<210> 2940

<211> 378

<212> DNA

<213> Homo sapien

<400> 2940

ggcacgagga	ccacacaggc	cgaatccggg	tgcattggtat	tggcgggggc	cacaagcaac	60
gttatcgaat	gattgacttt	ctgcgtttcc	ggcctgagga	gaccaagtca	ggaccctttg	120
aggagaaggt	tatccaagtc	cgctatgatc	cctgtagggtc	agcagacata	gctctggttg	180
ctgggggcag	ccggaaacgc	tggatcatcg	ccacagaaaa	catgcaggct	ggagatacaa	240
tcttgaactc	taaccacata	ggccgaatgg	cagttgctgc	tcgggaaggg	gatgcgcac	300
ctcttggggc	tctgcctgtg	gggaccctca	tcaacaacgt	ggaaagtgag	ccaggccggg	360
gtgccaata	tatccgag					378

<210> 2941

<211> 387

<212> DNA

<213> Homo sapien

<400> 2941

ggcacgaggc	atcaactatg	gtggacatgt	tacagatgac	tgggaccggc	gcctgctgac	60
cacctacatc	aatgattatt	tctgtgacca	gtctctatca	actcccttcc	accggttgct	120
agcactggag	acttattttc	tccccaaagg	tggcagcctc	gcttcttaca	aggaatacat	180
cagcttattg	cctggcatgg	acccccctga	ggcctttggc	cagcacccca	atgctgatgt	240
ggcctctcag	atcactgagg	cacaaaccct	ctttgatact	ttgcttttct	tgcaacctca	300
gattacaccc	accagggctg	gaggccagac	ccgggaagag	aaggctcctg	agttggccgc	360
tgatgtgaag	cagaagatcc	ctgaaat				387

<210> 2942

<211> 465
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 2942
 cgttgctgtc gggcatggta gcaggtgtct gttatcccag ttaggaggct gaggcaagag 60
 aatctcttga acctgagagg cggaggttgc agtgagccaa gatcgcgcca ttgcactcca 120
 gcctggggga caagagttag acttagtctc aaaaaaaaaa aagaaaaaaaaa aattcgggga 180
 tttggtcaat atcccatttt tttgttaacc ccaaggccct taaaaataac ccggaactta 240
 agggactggg aattttgggt taaaggggcc ctccggggaa ggggggggaa cactgacttt 300
 ttgacctctt ttgaaaagat aaaaggaccg gggccctggg gggaaaccct tgtgaaaagg 360
 ctcggaatt cagaatggcc taaaaaacct cccccacac cggaacaaaaa naaaaaaaaa 420
 aaaaaaaaaa aaaaaaaaaa annnaaaaaa aagggccgtt gttgc 465

<210> 2943
 <211> 442
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(442)
 <223> n = A,T,C or G

<400> 2943
 caccggcttg ctcgtttggc cgatgcggcc tacgggtgtg agaatacgac agaaggggga 60
 cacaaatgtt aaaattagca aagacattaa gatagcttta tgactgtatt ctagatgttt 120
 taataagtca aatagagcca tagaagaaat taaaagact caaactaatt cctagagatg 180
 gaaactacaa tgtctgctgt gaaaaatata ctggatggga ctagtggtag attcgccatg 240
 ataggagaag tagattagt aacttcatga cacagcaata aaaacatcat gatggagcag 300
 aaaaaaaatc caaacctttg aaaagagctt cattgagctg tgggacaatg tcaactagca 360
 taaaaaaaat tttgagaaat aatagctaga aatatctgaa ttgatgaaac tataaaaccg 420
 agatcaaagn gtgaaacaag cg 442

<210> 2944
 <211> 468
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 2944
 ccttaaggcc ctggcccccg ctgcgtccgc atcactctgc atcagcactg ccggcccagt 60

gacaccgagt	tccaccccat	cggcttccat	atcttccagg	tcccagaggg	tggaaggagc	120
caggacgcac	ccccactgct	gctgcaggag	ccgctgctga	gctgcgtgcc	acatcgctac	180
gcccaggagg	tgagccggct	ctgcctcctg	cctgcaggca	cctacaaggt	tgtgccctcc	240
acctacctgc	cggacacaga	gggggccttc	acagtgacca	tcgcaaccag	gattgacagg	300
ccatccattc	acagccagga	gatgctgggc	cagttcctcc	aagaggtctc	cgtcatggca	360
gtgatgaaaa	cctaacaggg	tggccccctg	tgccagctca	ngtgactgga	gcccaggggc	420
ctgacagggt	cccagcagct	gggccggcca	gccttgact	gtgggggt		468

<210> 2945

<211> 406

<212> DNA

<213> Homo sapien

<400> 2945

ggcacgagaa	gttgggggca	ggggaggcgg	ttcatgaagg	cgggctctac	atgacttaac	60
ccttgcttgg	catggcctta	agccctgttt	acaatttggg	atcttattgc	cacagtgtct	120
gttctgtcca	tctcatgata	cctattttgt	tcattcatgc	tcggcagctg	cgtctaaacc	180
ataaagggat	ggggtataac	aagttgcata	tgacctccca	acccatcacg	gccaggaatt	240
gttttaagtt	ttttctgaga	ttccctcggc	cacgaggtgg	catctgctca	atcgttgggg	300
ttttatgatt	tttagcttac	ataactgatt	tgataatcca	gggcatttgt	taccgcgtat	360
ccaggcgaga	ttatgactca	actatttagc	acctccatct	caacag		406

<210> 2946

<211> 407

<212> DNA

<213> Homo sapien

<400> 2946

tttgccaggg	gaaaacattc	tgcttttagg	tagtttcaaa	attcagggga	gggagcctga	60
aatttttgcc	atgattgggt	tgtagaaaag	agcaggcatc	agactacttc	tgataaaatt	120
gtttggaagg	tcacgacctc	gcaaaaactt	ttcaagagca	acaaggaaga	attctgctgt	180
gaagaacaca	gtgtacggat	cctccgcata	ttatctcaac	agaggacagt	agctcaggag	240
gcagcttcaa	acggtgacct	gtggcctggg	ccatctcttc	gtcatgtgct	tcacttttcc	300
ctgtttccct	gtgaactggc	ttccatgggt	ctgtagggtg	gtgaagtcgg	gttgtggctg	360
cagcagagca	agagatgctt	gcccagtggt	gagcaaccca	cccccg		407

<210> 2947

<211> 380

<212> DNA

<213> Homo sapien

<400> 2947

ggcacgagat	aacacttgcc	acaacttggg	aaattccatg	ggtctatgcc	acattgctcc	60
cagagtaatg	aggcaaaata	gtgctctgtt	atagaattgc	ttgtttcaca	atacatcatg	120
acagataacc	atacaacatg	gaatgacaca	aacataatat	gccacactcc	agaatatgta	180
atgctcgtct	tccaaggggg	ttcagtctaa	ggtaatctct	accaggaaga	aatgctagat	240
gacttttagac	atgtgcattg	gtttggacct	tctaattagt	tgaattttta	cttattttga	300
catgagagat	tacatagaat	ctctatgttg	cccaggttgg	tctccaaatc	tgctcaaaca	360
atcctccgcg	ctcagtttct					380

<210> 2948

<211> 374
 <212> DNA
 <213> Homo sapien

<400> 2948
 tacggctgcg agaagacgac agaaggggaa cacatTTTTg atcatgcata ttttgatttt 60
 taaatattat tggttagaaa tttgaacaaa gtcacccata catttttctaa cttccagaac 120
 tctacttatt atatatcttt tgctttatag cctgaaataa ctctatagcg aagtaattta 180
 caagaaatgg tctattatga aaagcaggct tttaaagcata aaaatttttt ttataggaaa 240
 tatgcatgat tataaaaacaa cctgattttt attttattgt tcataaaaga gactaatatt 300
 ggtgcatgtg ctgctgtaat ttgttggtga ttatgtgtgt aggaaaactg cccagcttgt 360
 agccagcttc ctca 374

<210> 2949
 <211> 407
 <212> DNA
 <213> Homo sapien

<400> 2949
 ggcacgagaa ttgctgtgcg tggggcacgg acggacagcg aggtatagag agtggagaga 60
 aggccgcagc ccagctgggc ttccagggtgg gagctcagcc tccccatctc tgccgtggaa 120
 gggactcaga ggtgtcaggc caagcatgca ggcaggcttg tgacaaactc cttggccagg 180
 agctctgaga attagcttca ctccctcag aaatgccccca attccctcct ggaagaggag 240
 ctgtgtgaca gctcaggcca gggggtcggg actcccccca tctcctccgc acacacatac 300
 ccctgcacac ataccagcc acgtacagct ggggtggctgt acgcaagtca tttttctact 360
 ctgagcctca gggctcttct ctgtccacct cccccagga ttactgg 407

<210> 2950
 <211> 387
 <212> DNA
 <213> Homo sapien

<400> 2950
 ggcacgagga gagagagaga gagagagagt ttgagagtga gagagagaga gagagagaga 60
 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 120
 gtgtgggCGc cctctctct tgtgtgcgt ccccccccc cgctctctca ctcttatgtg 180
 ggggggCGcg cgctctctt tttttttgtg ggggtgtgtc gcgctctccc acacggggct 240
 ctctctctga gagtgcgcgc tctgtgtgtc tgtgtatata ggggggggtg tgtgtctctc 300
 tgtgcgcccc ctgtccctag gcagagagag agtctctctg tgtgcgCGcg ctctttttgtg 360
 tgtgcatatg tttctctctc ccctctc 387

<210> 2951
 <211> 400
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 2951

ggcacgagac	actaagatgg	ctgccgttgc	catgacaccc	aaccctgtgc	agacccttca	60
ggaggaggcg	gtgtgcgcca	tctgcctcga	ttacttcacg	gaccccggtg	ccatcggtg	120
cgggcacaa	ttctgatgca	gatttttagct	gagggatttg	gaagccattt	ggggaggcag	180
gctgggcca	agggtagagc	tgggtaataa	atgtctattc	tcctggggag	gagggattct	240
aaactttcct	tccgtcctca	atttctacct	ccatagaccg	gccagaattt	agcttcactt	300
gagagagatc	tggaatggtc	gccatgattg	aaaccacgca	ccattacatc	atcattacat	360
taattacatc	aacataaatt	atttcttccc	ccttcccttn			400

<210> 2952

<211> 395

<212> DNA

<213> Homo sapien

<400> 2952

ctttaagatc	atcctgggaa	tttccttcac	tttttctttt	gggagacctc	ttattttctgg	60
atcccagggtc	ttcatcattc	ttgggtttact	tcctttattg	gtggactaca	tcctccacat	120
gggaggtaaa	ttgttgaaac	cttgcacgac	tgaaaacttt	attttaatct	caccctcaag	180
ggatgatttg	gctaggtatg	gaattctagt	ttggaaataa	tttgctctca	gaattttaaa	240
cacatttctc	attgcctcat	agttttggcg	taaatgttga	gaaatacaat	gccactttta	300
atttctgatg	ctttgcatgt	gatctatttt	tctctcaagt	agctttttata	atctccttat	360
ccttgatatt	ctgaaaattc	atgatgctgt	gcctg			395

<210> 2953

<211> 418

<212> DNA

<213> Homo sapien

<400> 2953

accgatgctg	ccggaataga	gaaaacatta	tctgtatgag	ctcttctcga	tttacatgta	60
attggcaaaa	ttcaaagagc	tgattcttca	acaaataaat	tacttaaaaa	cggatggaca	120
gggaacctcg	taaagccttt	atcaactgca	atgtatggac	ttctatactg	aaatgtttac	180
agatgaaatt	atatgatgac	tgggatttaa	aagaaatcct	acgatagcca	ggtgtggtgg	240
tgcatgccag	ctactcaaga	cgctgcggca	gaattgcttg	aacccaagag	gtggaggctg	300
cagtgaacca	agaccacacc	actgcactac	agcctgggca	acgagagact	ctgtctcaca	360
aatataaat	gaaaaactaa	aagttattct	atgagtggcg	gaaagaacag	attacaca	418

<210> 2954

<211> 394

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(394)

<223> n = A,T,C or G

<400> 2954

cgttgctgtc	gagctcagga	ggctgagggt	gcagtgaccc	gtgatcgac	cactgcactc	60
caacctgggt	gacagagcca	ctgcaaagca	ctctgttttag	tcatggtttc	ttttatgtat	120
tctttcatgt	attgacctta	aaaaagaatg	tttctgaata	tgcctttaat	ctgacaaacc	180

accaccttaa	tattctttta	aaatcagttt	gagcctacag	ccatgccact	gtgaatgtgt	240
ctgatctcat	gtgatcatgg	aagctaaagt	gagtttgata	tgataaatat	atgcaacgta	300
actttaaata	taacttttta	aaatatgttt	ttaaggccag	atatgggtggc	tcacgcctgt	360
aatcccagca	ctttgngagg	ccaaggtggg	agga			394

<210> 2955
 <211> 407
 <212> DNA
 <213> Homo sapien

<400> 2955						
ggcacgagca	gctactcggg	aggctgagac	aagagaatca	cttgaacca	gaaggcagag	60
attgcagtga	gctgagatca	tgccactgca	ctccagcctg	ggtgacagag	tgagactcca	120
tctcaaaaaa	ataaaatatt	gtggtattgg	cacaggagtg	gacaactagg	tcaatctagg	180
aacagacctt	ttggaacttg	atatacatga	aatgactcaa	ccaatcagtg	aagacagggg	240
ggatgttcac	tgaatattgg	agaaaactga	actcccccat	acaaaagaaa	acagatttcc	300
actttacaca	cactcaaaat	taaatttcag	attaaatact	aggatatttt	taatgattta	360
ttaaattttt	ttttggtaga	gacaggggtc	caatatgttg	ctcagcg		407

<210> 2956
 <211> 412
 <212> DNA
 <213> Homo sapien

<400> 2956						
cggtgctgtc	gggcaggccc	ctgtaatccc	agctaattgg	gaggctgaag	caggagaatt	60
gctcaaacct	gggaggcgaa	gattgcagtg	agctgaaatc	acaccactac	actccagcca	120
aagcaacaag	agcaaaaact	tcgtctcaaa	aacaaaacaa	aaaaagagta	ttcattgtga	180
ggacaaacaa	tacaaatacg	aagaggggtg	tagtaccttt	acttgtatca	cagatacttt	240
tgtaccatt	ttgcactaga	ggaaaaccat	gaagcagttg	ctcaaagtgt	gttcaacacc	300
agaaaattta	tattggagaa	aagcactgta	aatgtaatgc	atttgtgaaa	acatttttta	360
aaaaactaca	gcttagaaaa	taccagaggc	ctcactactaa	aatatatttt	gg	412

<210> 2957
 <211> 407
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 2957						
ccgtgacctg	cctgggcgcg	gggaactgaa	agccggaagg	ggcaagacgg	gttcagttcg	60
tcattggggt	gtttggaaag	acccaggaga	agccgcccac	agaactgggc	aatgagtggg	120
cattgaagat	aagaaaggaa	atgagagtgg	ttgacaggca	aataagggga	tccattggag	180
tctttggctg	aataactaag	tgtgcatgct	tagagtgaaa	tttcaagaga	ctgggcaaag	240
aacaattact	aggaacagaa	caactaccag	gaagctgtaa	gctgaataat	tcttagagct	300
aataaaggat	tgagaagtgg	ttgagctctg	atcagacaca	gaaaagagac	tttgttgaac	360
ctctgggatg	ttcaatagag	acctcagaag	agtcacacct	tattaa		407

<210> 2958
 <211> 328
 <212> DNA
 <213> Homo sapien

<400> 2958
 tacggctgcg agaagacgac agaagggact ctgcattaaa caggagcttt tctaatatgg 60
 ctggaaactg ttgggggttg attagagatt tttaaggatc ttatggcaag ctttggctgg 120
 tagagtacaa gaatctagtg gtgtctttta ttgggggttt gggggtgctg ggaactatga 180
 cattacaaag agccactaat tggttaactga aggaaaaaat actggtcaat gaagggaaac 240
 ttaactataa aatcaactta gtagaaataa accattaagt ggtactaata tgggcaggca 300
 cagtggctca cagctgtaat tccagcac 328

<210> 2959
 <211> 344
 <212> DNA
 <213> Homo sapien

<400> 2959
 tacggttgcg agaagacgac agaagggctt gtgtggcaca cagagatgcg acctactcaa 60
 tctgacttag taaaaccatg ctgtagaatt tttgtcttaa aaagaccaca taccagcac 120
 ccatgaaata aaagattcat ctgtaattgg gattcaaagt gattaaattc ctttgttcat 180
 actcataaat agcactaaag tggtataaca ttttcattta cctatTTTTT gtcccttcat 240
 tttaacttaa taaaaatctt ggattgatat tctttttttt tttttttttt ttttttggga 300
 aaaaaatttt ttttttcccc ccgggggggg aaaggggggtt tttt 344

<210> 2960
 <211> 340
 <212> DNA
 <213> Homo sapien

<400> 2960
 tacggctgcg agaagacgac agaaggggaa cttaacaaca ggactagcag agacttagct 60
 gaacagtgtg taaagggtatt agaactgata tgtactcgtg agtcaggagc agtctttgag 120
 gctgggtggt tgaattgtgt gcttaccttc attcgtgaca gtggacatct agttcataaa 180
 gacaccttgc actctgctat ggctgtggtg tcaagactct gtggcaaaat ggagcctcaa 240
 gattcttctt tagaaatttg tgtagaatct ctgtctagtt tattaagca tgaagatcat 300
 caggtttcag atggagctct gcgatgcttt gcactactgg 340

<210> 2961
 <211> 388
 <212> DNA
 <213> Homo sapien

<400> 2961
 ggcacgaggt ttcaaactcc tgggctcaag cagtctctct gcctcagcct cccaaattgc 60
 tggggttaca ggcttgagcc actgtacca gcccatcaat aatttttgcc tgaaacaatt 120
 tttattgcga tctttgtgtt gagagtcttc catggatctg ttgtgtgctt acatgtcttg 180
 ctgggtgtgc caagaatgca aggcccaaga atgctcttta tttgggcctt ttctcagggt 240
 tgtttacaca gctggtaatc ttcagagaca agttaatgtt tcctcttgga caaagagcag 300

gcttgccac tgcttggtat aaaaacaata gatttcagcc gggcgtggtg gctcatgtct 360
 ataatcccag cactttgatt tttttttt 388

<210> 2962
 <211> 403
 <212> DNA
 <213> Homo sapien

<400> 2962
 ggcacgagag aggagctcag agaggaacgg agaggcagac agagggaaac aacgcagaaa 60
 gaaacagagc caaagccaga gtgtgggggg agccggagga agaaacaaaa acacacacat 120
 gtggagtcgg aacgacacag gcagagaggc acagagtcgc agcaatccag acagaaagag 180
 acacgcagaa agaaacagac agtgacagag aagatggtag cctctctgcc ctcccaaac 240
 accttgcccc actggtcctg gctggcggca ggggactcac aggcccttga cctatgccca 300
 gtaggggaag agacaggact tttcctcaga ggccttcaat gagaccccat tcccaaaaag 360
 gttgggtctg acacacagca gccatggtgt ccacggcccc cat 403

<210> 2963
 <211> 393
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 2963
 tccagatgca gctgcagccg cgcaggcagg agccagggac aagtgggagc cctgcctctt 60
 ccaagttggc ggggtgggag ctcccagggt cagctgtggc tgcccccca ggcacaggac 120
 gagggcatct ctgcagcctg caccatcggc catcccagga aggacagccc ccttcaccct 180
 ccatccctgc aggttcaggg gtgtctgctt ccactgcctg gcctctctcc actccagcaa 240
 ctgctctgat cttggagggg agtcggagcc aagacctgca gccatgaatg gcagcaggag 300
 gaaagggggg gggnnccan naaggcccca ccctcangcc agggagggcc tgaattctgg 360
 gggctgggct gccagtcctt ctgaccagag agg 393

<210> 2964
 <211> 423
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = A,T,C or G

<400> 2964
 ggcacgaggt tcaaataagg tgtaattgaa aagtgatcct ctcttcagag atgtcaaaaa 60
 caaacaaatc caagtctgga tctcgctctt ctcgctcaag atctgcatca agatctcggt 120
 ctcgttcatt ttcgaagtct cggccccgaa gccgatctct ctctcgttca aggaagcgca 180
 ggctgagttc taggtctcgt tccagatcat attctccagc tcataacaga gaaagaaacc 240

acccaagagt	atatcagaat	cgggatttcc	gaggtcacaa	cagaggctat	agaaggccct	300
attatttccg	tgggcgtaac	agaggctttt	atccatgggg	ccaatataac	cgaggaggct	360
atggaaacta	tcgctcanat	tggcagaatt	accggcaagc	atacagtcct	cgtcgaggcc	420
gtc						423

<210> 2965

<211> 385

<212> DNA

<213> Homo sapien

<400> 2965

cgttgctgtc	ggtttattgt	aacagtaatt	aatgctgcc	ttaattgaag	gggtttgggt	60
ggattttttt	ttctcaaaat	aagctgtagg	gactatttta	acagcttaaa	caggagctct	120
caagatgcac	tttcgtattg	agaggaatat	gggcttgatc	ctcttcctat	ctaaatgggt	180
gggccatttg	attgtagagg	gtccaccaca	gaattatggg	atgccttaag	tgctgttact	240
aggttgctca	cagcctaacc	tggcgtgttg	tttagggctg	atggagaccc	atgtgagcct	300
ttgctttcct	ctggccccag	ccccaccctg	aacacagctc	atacgcagaa	tcaggaccag	360
catgtgcaga	gctggccacc	agcac				385

<210> 2966

<211> 376

<212> DNA

<213> Homo sapien

<400> 2966

cgttgctgtc	gtggggacag	atattgtgatg	cttgattcac	ccttgaagta	atgtagacag	60
aagttctcaa	atattgcatat	tacatcaact	ggaaccagca	gtgaatctta	atgttcactt	120
aaatcagaac	ttgcataaga	aagagaatgg	gagctctggt	aaataaagat	gactatatca	180
gagacttgaa	aaggatcatt	ctctgttttc	tgatagtgtg	tatggccatt	ttagtgggca	240
cagatcagga	tttttacagt	ttacttggag	tgtccaaaac	tccaagcagt	agagaaataa	300
gacaagcttt	caagaaattg	gcattgaagt	tacatcctga	taaaaacccg	aataacccaa	360
atgcacatgg	cgattg					376

<210> 2967

<211> 384

<212> DNA

<213> Homo sapien

<400> 2967

gaaggaatga	agattgacct	catcgatggc	aaaggcaggg	gtgtgattgc	caccaagcag	60
ttctcccggg	gtgactttgt	ggtggaatac	cacggggacc	tcacgcagat	caccgacgcc	120
aagaaacggg	aggctctgta	cgcacaggac	ccttccacgg	gctgctacat	gtactatttt	180
cagtatctga	gcaaaaccta	ctgcgtggat	gcaactagag	agacaaatcg	cctaggaaga	240
ctgatcaatc	acagcaaata	tgggaactgc	caaaccaaac	tgacgcacat	cgacggcgta	300
cctcacctca	tcctcatcgc	ctcccagagc	atcgcggctg	gggaggagct	cctgtatgac	360
tatggggacc	gcagcaaggc	ttcc				384

<210> 2968

<211> 225

<212> DNA

<213> Homo sapien

<400> 2968

tcacactgcc	ttccacccgc	tagcgagccc	aattgcatgc	aatatatgcc	tgatgatcca	60
ggggaggaga	gagagtgatg	cagagctggt	gcagaagggc	agcgagctgg	tggtctgctg	120
ggtggcgctg	cgggaggccc	gtgctacgct	gcgggtcagt	gagggccgtg	cgcggggctc	180
acaggaggcc	gccccgactc	gggagctgga	gctggaagcc	tggttc		225

<210> 2969

<211> 413

<212> DNA

<213> Homo sapien

<400> 2969

ggtgctggcg	attctgtggt	attaattata	ttcatactat	tgtgcaacca	ccggcaccat	60
ccgtctacag	aactcttgat	cttcccaaac	tgaaattatg	tattcattaa	acaataacca	120
cccattacct	cctctctcct	cagcctttgg	taaccagcat	tcagtctcta	tgaattgact	180
actctggata	tctaaaagga	atcattctta	tttcattttac	cataaagact	tcaaagttca	240
ttcatgttgg	aacatgtatt	agaattttctt	tactcttaaa	ggccagatat	gccgtaggat	300
gtaaataccg	tagtttgtgt	atcagggtcat	ccattactgg	acactgggtt	gcttctgctt	360
tatggctatt	gtgaataatg	cttctgagaa	cgtgggtata	cagataactg	cat	413

<210> 2970

<211> 405

<212> DNA

<213> Homo sapien

<400> 2970

cgttgctgtc	ggcctgggcg	acagagcaag	actctgtctc	aaaaaaaaaa	aaaaaaaggt	60
taaaaattta	cccggggggg	gggagggccc	cctgtatttc	cacttcctca	ggaggggggg	120
gcagaagaat	cttttgacct	caaaattcaa	aatgggcaag	gacttataat	attgttattg	180
ccctccacct	taggcaacaa	aggaaaacct	tgtttttaaa	aaaaaaaaaa	taagccaggc	240
ttataatagg	ttatcccaaa	gggagtaagg	aggttttata	gggccaaacc	cttcttataa	300
aaaagaaatt	agccaactta	tggttgttta	agggtaatat	gaaaaggctta	tatggagaac	360
ctttattctt	aaaaaaaagg	gaaatttttt	ttcggtagcc	catgt		405

<210> 2971

<211> 381

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 2971

gcctacggct	gcgagaagac	gacagaaggg	ccatccacta	atagattggt	cagcaaacaa	60
tccaagctgt	gagccaaagt	cagcccacta	tgaggccaac	tctgtttgca	cccattcttt	120
atagcttttg	cactacagtg	gcaaagttaa	gtagttgcaa	cagagactgt	ataacctgta	180
aagccaaaaa	cctcactgtc	tggactttta	tagttccaga	ctctcacact	agttgaatac	240
tttgaaaatc	ttcaggttct	ttctgggaag	tttggttaaga	ctatctctaa	gcagtattag	300

ataattggaa tcttaccatt tagcacactt tcatacaaaa agtgacaggt aatgggttggg 360
atcagaacag aacaacataa n 381

<210> 2972

<211> 437

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(437)

<223> n = A,T,C or G

<400> 2972

aggatccctc gattcaattc ggcacgagga cagagccgac tccatctttt agaaaaata	60
aaaatattaa gaggttctgc tgccaaatgt gggttctgtg ggtcgggtgt gggttctgtg	120
ggtcgggtgt gggttctgca aaccagggtgc ggattctgtg taggttctgc aggccaggg	180
taaaggctca cacctgtaat cccagtactt tgagacgctg aggggggagg atcacttgag	240
cccaggagtt caaaaccagc ctgggcaata tagggagacc gtatcactac aaaaaagttt	300
ttttagttca ccgagcatgg gggcacatgc ctgtagtccc acctactcga gaagctgaaa	360
tagggtcacc tgaccctggg aggctgaggg tgcagtgagc caaaatcgca ctactgcact	420
ccagcctggg tgacaan	437

<210> 2973

<211> 399

<212> DNA

<213> Homo sapien

<400> 2973

ggcacgagat tacatttccc agtacttcct gttccctctt cctgctttct cttttttttt	60
ttttttggaa ttaaaaaacg agtttgctt tgcccccggt tggggggcca ggggaaaaat	120
tttgcttaat tgaaccccca ccttgggggg ttaaagaatt ttgctgcct aaccctccgg	180
agaaatggga ataaaggggc cttgcccccc cccaaccta tttttggttt ttaagaaaa	240
aaggggggttc aacctggtgg gccgggctgt tccaaacttt tggccctggg gggatcccc	300
cccctgagcc ccaaaaaagg tgggaataac gggggggacc aacctatgcca aaaattgggt	360
ttaatttttt taaacctttt aaccaaccta accaaaaat	399

<210> 2974

<211> 346

<212> DNA

<213> Homo sapien

<400> 2974

tacggctgcg agaagacgac agaagggggc cttcatgttg gcagttccag aagtgggggt	60
gaggagaga gagaatactt gaggaaataa tggctgaaga cttcctaaat ttgatgaaag	120
acctgaatat atgcatccaa gtatctcaac aaattccaag taagatgaac tcaaagagac	180
cacacagata ccaacatttc acaagccaaa gccagagaat ttgaaagca tcaagggaga	240
agcaacttgc tacatacaaa ggatcctcag taacagggtcc ccaagccctg ggccacagac	300
tgtaacagt ctgttatgtt ccagaccaca cagcaagagg tgagt	346

<210> 2975

<211> 341
 <212> DNA
 <213> Homo sapien

<400> 2975
 tacggctgcg agaagacgac agaaggggca cttatgacaa cattaacaca gaatgccagt 60
 tcatcagcag ccgactcacg gagtggtcga aagagcaaaa acaacaacaa gtcttcaagc 120
 cagcagtcac catcttcctc ctccctcttct tccttatcat cgtgttcttc atcatcaact 180
 gttgtacaag aaatctctca acaacaact gtagtgccag aatctgattc aaatagtcag 240
 gttgattgga cttacgatcc aaatgaacct cgatactgca tttgtaatca ggtatcttat 300
 ggtgagatgg tgggatgtga taaccaagat tgccttatag a 341

<210> 2976
 <211> 427
 <212> DNA
 <213> Homo sapien

<400> 2976
 ggcacgagcc ggccccact gagccccactc cggcctctga agccaccgga gcccttacgc 60
 cccaccagc acccccatcg ccctctgcac ctccctctgt ggtccccaag gaggagaagg 120
 aggaggagac cgcagcagcg cccccagtgg aggaggggga ggagcacaag cccccgcgg 180
 ctgaggagct ggcagtggac acaggggaagg ccgaggagcc cgtcaagagc gagtgcacgg 240
 aggaagccga ggagggggccg gccaaaggga aggacgcgta ggccgctgag gccacggccc 300
 agggggcgct caaggcagag aaaaaggagg gcgggagcgg cagggccacc actgccaaga 360
 gctcgggcgc cccccaggac agcgactcca gtgctacctg cagtgcagac gaggtggatg 420
 aggccga 427

<210> 2977
 <211> 427
 <212> DNA
 <213> Homo sapien

<400> 2977
 ggcacgagga gagagagaga gagagagttt tagtgataga gagagagaga gagagagaga 60
 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 120
 gagagagaga gagagagaga gccccccctc tctctctttt ttttggggcg ctctcttttt 180
 tctctctctc tctatatctc tctctcgctc tctctgtgtg tgtggctatg cccccggggg 240
 cccccccccc cccacacaag agagtgtctc tctctgtgtg tctccactc tctctctctc 300
 tctccccccc cccccctctc tctctttttg ttttgtgaga gtgtgtgtct cctcccaca 360
 ctctttttct gtgtgtgccc acacagaaag ggggggctct ctctctccct tctctcccc 420
 acacgct 427

<210> 2978
 <211> 339
 <212> DNA
 <213> Homo sapien

<400> 2978
 cggttttttg ttgcgagaag acgacagaag ggtacggctc cataaacacg acagaagggt 60
 aataacaagc tgtatatatt tcaaagggtt tttaaacttt ggacactctt tcttttggtta 120
 accacttaaa ggaataaaa agctggaaaa aaaattggac cttcaactca gggtgttcca 180

tataacaaac	gtattctttg	ctgttacgta	agatttttoga	ttcacagagt	ccatccatgt	240
acatcactta	cacttaaatt	gccaaaataa	ttagtctgac	catctgactt	taaaagactg	300
ttgctacaca	tacatcatgt	ttaggagaat	gtgggatat			339

<210> 2979

<211> 394

<212> DNA

<213> Homo sapien

<400> 2979

cggtgctgtc	ggtagcattt	gatcagcttt	gccacagatg	aaaagcagaa	ctggacatgg	60
aagagaagtg	aagtaaggac	aagctggaat	ctatagggcat	ctctgcatct	atcttttact	120
gcacttagcc	atgacaaact	tcatagtata	atgactacag	ctttatctcc	aacttttttt	180
tttttttaag	aagaaacttc	ccggacgaga	tcccagaggg	gtatttttagc	atcctagaga	240
cctcctccta	gaggggtcaag	gaagatacct	gcctcaagtt	ctgggagaag	aggaaataca	300
gggcatgggc	cactatacac	gggaagtttt	tttttttaaa	aacaaaaaag	gctttgacca	360
cttagaaaag	gctgagtttc	gacacatccg	ctcg			394

<210> 2980

<211> 399

<212> DNA

<213> Homo sapien

<400> 2980

ggcacgagca	tgttcaggcc	ccgaacattt	ccggtgctga	ctcggcctta	aacgttttgtg	60
ccataatgga	aaatatctat	ctatctgttc	tcaaatcctg	tttttctcat	agtgtaaact	120
cacatttgat	gtgtttttat	gaaggaaagt	aaccaagaaa	cctctaggaa	ttagtgaaaa	180
aagaactttt	ttgagggtgtg	ttactatact	gctgtaagtt	atattattata	taaagtattg	240
taaatagaat	agtgttgaag	atatgaaata	tggctatttt	taatggtgac	aattatgact	300
tttagtcact	attaaattgg	ggttacctat	atcagtacaa	ttttagtttg	tttccagggtt	360
tggctaataa	tcattcctta	acctagaatt	cagatgatg			399

<210> 2981

<211> 399

<212> DNA

<213> Homo sapien

<400> 2981

tatagtggaa	acagtatttc	tagatgtag	atttagcaga	caaagacttc	aaagcagcta	60
ttgtaaatca	gtttaaagca	gcaaagtaag	ctaagaatga	aaataaagtg	tgacaaatag	120
agatgttcaa	aaaggagata	gaaatgattt	taaaaataac	aaaatgaaaa	ttctgagatt	180
gaagaatata	gtaactgatg	tgaaaaattt	actagagggg	cttaccagag	gtttgacatg	240
acagaagaaa	gaagcagtga	atttcaaagg	tagatgatct	aatctgaaga	tcagagagga	300
aagattaaag	agaaatcagt	agagccacag	agatctgtgg	gtcagcatca	agtttaccta	360
tgtatgtgtg	atgggaatct	cagaatgaat	agagaaagc			399

<210> 2982

<211> 397

<212> DNA

<213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(397)
 <223> n = A,T,C or G

<400> 2982
 ggcacgaggt tttgcttcag ctagaatata caatgcagat gtcattaaaa gacttacttt 60
 aaaatgttaa aaaaaaaaaa aaaaaaaaaa aaccctcgcc ccttaaaaat tttggggggg 120
 ggtttaccgg aaacccaaac ttgaaaaaaa ccttggtggg gtgggaacaa cccccaataa 180
 aagggcggga aaaaaagggt ttttttggaa aaattgggaa ggctttggtt tttttgaaac 240
 ccttttatagg cggaaaaaaa aaggtaaaca ccacaagggg cttttttttt tttttcaggg 300
 ttagggggggg gggggggggg gttttcccn aacccaatat acagggtata cctctaacta 360
 cagcttgcat aatggcttaa aattgccatg gggaaag 397

<210> 2983
 <211> 372
 <212> DNA
 <213> Homo sapien

<400> 2983
 tactgttggt agaagacgac agaaggggtct acaagcacat gctgcctgag ggcttggaga 60
 ctggcctggt catccattg cagcaaccca atatgaaagc aaactgctca ggaaccagag 120
 gggtgtcccc ccattgtcac tgtcattgcc catgccacac tagctgcca gaggcctaag 180
 aacctgccc cttgctggaa ccaaggcttc aacacctggg taagtcacct ggaggcccaa 240
 gtattggccc acctagacgt gccaacatca gtggtagggt tgggtgtgct gtccctgggc 300
 cccaaatact gaactatttg gtatccaaat ccccataaaa actccagcac aacctccact 360
 aataactaca cc 372

<210> 2984
 <211> 410
 <212> DNA
 <213> Homo sapien

<400> 2984
 cctagttttt tttctttgta gtgaaagaag attgccacgg agacagacag cagcatgggtc 60
 agtgtggtag gagccggcca tcagcgagag ctgctccatg cctggctgct gggagctaga 120
 gcctgcggcc cactggcttg cctcactgta gttggtggtg gcagtgcag agactgcagc 180
 atgaccagag tggtaggaca ggggctatcc agggctgcac ctttcgcagt gtggggtggg 240
 ttggggggcac tatccagggt gtcattgcct gcattagggg tactgggttg tagcactgca 300
 cagggctgca ctgccacag cagggagggt gggttatggg tgctttctgg ggctgcaatg 360
 cccatggagg aggacagggt agggcatatc gggatatatg tactggcgga 410

<210> 2985
 <211> 407
 <212> DNA
 <213> Homo sapien

<400> 2985
 ggcacgaggc ctggcccagt tactcagttt tgaatctgag gccgtgacat cactcatggt 60
 ctgcagtcag tgctctgccc ctgagctgta cctctccta tgataatcac tcttaagaag 120
 ggcaaccctt ggtgttttcc ccttaagggt acccaggctg gaatgcagtg gtgtgggtcat 180

ggctccctgt	accctggaac	tcaggcttgg	gtgatcctct	ctcctttgcc	tccgaagtag	240
ccaggactac	aggtgtgcac	ccaccaccac	actcagataa	ttgctttggg	gtttttaaag	300
cttgtaatga	tcagtaggct	gaggtgggca	aatcataagg	tcaagagttt	tttagatggg	360
gtgagcacag	accaattcct	gttttattta	ctgattttaa	attttga		407

<210> 2986

<211> 453

<212> DNA

<213> Homo sapien

<400> 2986

ttgttcttta	ctagttttga	aaaaagtaga	acaaaataac	caaagtgact	tttgtacttt	60
tctattggtg	tgtgtttgtt	tatttagaga	tgggtgtcact	ctgcgttgcc	cagctctggc	120
ttgaactcct	ggagtatcct	tttgccctcag	cctcccagag	agctgggact	gcaggtgtat	180
accacctccc	caacttggat	ttactagtag	tagcaagtgt	agacaagagt	ctcctatttg	240
gaatgtaaat	tgttggttgg	aatgtacgtt	ggcacaactt	ggggaaaagt	tggcaatgta	300
tatcaaaagc	attaaaattg	tgtatatcct	gtggcctggc	aatactcctt	ttatgaattt	360
attataaaaa	aaagtacatt	tatttaaaaa	cttagctggc	tgggtgtggt	ggctcattcc	420
tgtaatccca	gcactttggg	aggctgaggt	ggg			453

<210> 2987

<211> 407

<212> DNA

<213> Homo sapien

<400> 2987

cggatggatt	tggaagctgg	aattcctctt	aacaaccaag	gggtttattt	tcaaagcaat	60
attggggaat	tgatttcaca	gttcgttacc	ttagtaggga	acggtaaggt	tattcttttt	120
tttttttttt	ttgggattaa	aaacctgggg	gcctaaattt	aacaaaaaag	gggccaaaag	180
gtggaatgaa	actaactttt	gggcaaaatt	aaacctatcc	cccaaagggc	gaaaataatc	240
caccgcccc	cccggttttt	tgggtgggta	aatttggttt	agattaaaaa	caggcttttg	300
ccccccagcc	gggagggcag	gggggtaatt	agaacctttt	ccccccggga	tgaaagcaat	360
atcctgcctt	caccccccca	gaaatctaaa	ataacggggc	ccccct		407

<210> 2988

<211> 339

<212> DNA

<213> Homo sapien

<400> 2988

tacggctgcg	agaagacgac	agaaggggta	agctattaag	tgcattgtttc	cctcaggccc	60
tctggtccat	tctggacaaa	tgttgaaaga	tgggttggat	tggcacggaa	cgctgtgcca	120
aaagcaccac	cttttttttt	tttttttttt	ttttaaaaag	ggaattttgt	ttttgtgccc	180
caaatggggg	ggcaggggga	aaatttaatt	taaccaaac	ctcttcttcc	ggggtaaaag	240
aatttttccg	gccttgcccc	ccaagggggg	gggaataaag	gggccttgcc	ccctcccccg	300
ggaatttttt	ttttttttta	aaaaaaagg	ggtcccccc			339

<210> 2989

<211> 399

<212> DNA

<213> Homo sapien

<400> 2989

ggcacgaggg	aagatgagct	cgccaagaag	cgggcggcct	tcctcctgaa	gcagcagcgc	60
aaggccgagg	aggcccgcgt	gcgcaagcag	cagctggaag	cggagggtgga	gctcaagcgt	120
gacgaagccc	ggcgcaaaagc	tgaggaagac	cgggtgcgga	aggaggagga	gaaggcgagg	180
cgcgagctca	tcaagcagga	gtacctgcgg	aggaagcagc	agcagatcct	agaggagcag	240
gggctcggca	agcccaagtc	aaagccgaag	aagccgcggc	cgaagtcggt	gcaccgggaa	300
gagtcgtgca	gcgactccgg	caccaagtgc	tcctccaccc	ctgataactt	gagccggact	360
cagtcaggct	ccagcctgtc	cttggcctct	gcggcgaca			399

<210> 2990

<211> 326

<212> DNA

<213> Homo sapien

<400> 2990

tctacggctg	cgagaagacg	acagaagggg	tggtaaaatg	ataatcaacg	aatactataa	60
tcaaccctat	gtccacaatt	tgataactgc	aatgaaccaa	tcctttgaaa	gacacaattt	120
gtcaaaactc	acataagaaa	tagaccatct	gagggggcct	aaacctttta	aagaattgaa	180
ttaataatgt	taacctttcca	aaacagaaa	cagggaccca	gatgggttca	ctagtgaatt	240
ctactaaaca	tttaaaggaa	aaactaataa	atgagatatt	ccatgtttat	ggatcagaag	300
acaatattgt	caaggtgaca	gttctt				326

<210> 2991

<211> 380

<212> DNA

<213> Homo sapien

<400> 2991

tacggctgcg	agaagacgac	agaagggcgc	ggcctcagcc	tccagtggcg	cgatctcagc	60
tactgcaag	ctctgcctcc	cagttcacgc	cattctcctg	cctcagcctc	ccgaggagct	120
gggactatag	gcgcccgcga	tcacacctgg	cttttttttt	tttttttttg	ggaaaaaacg	180
gggttcccc	atgtaaccca	ggagggccta	aatctccgga	cctaaggacc	cgccccctg	240
ggcctttaaa	agggctagaa	taacgggggg	gacccccgc	ccagggcctg	ggaagcacac	300
agttttaccc	ttgttacccc	cccttgggga	aaagggtttc	ggcacggggg	ttcttttaaa	360
ggagggacca	gccctcattg					380

<210> 2992

<211> 378

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(378)

<223> n = A,T,C or G

<400> 2992

ggcacgaggg	ggatggcagg	tgatgagact	cagccaactc	ggtttgcttt	tgtggaattt	60
gcagacaaaa	attctgtacc	aagggccctt	gcttttaatg	gagttatgtt	tggagacagg	120
ccactgaaaa	taaatcactc	caacaatgca	atagtaaaac	cccctgagat	gacacctcag	180

gctgcagcta	aggagttaga	agaagtaatg	aagcgagtac	gagaagctca	gtcattttatc	240
tcagcagcta	ttgaaccaga	gtctggaaaag	agcaatgaaa	gaaaaggcgg	ncgatctcgt	300
tcccatactc	gctcaaaatc	caggtctagc	tcaaaatccc	attctagaag	gaaaagatca	360
caatcaaaac	acaggagn					378

<210> 2993
 <211> 450
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(450)
 <223> n = A,T,C or G

<400> 2993						
accctacgaa	caagctactn	ggntttttnng	cagganccca	tnaattcgaa	ttcggcacga	60
ggtcaagtct	tccgccaccc	ccgataaagc	ataacatgga	tattggaact	tgggataaca	120
aggggtcccgt	tgcaaaagcc	ccctcacagg	ctttgggttca	gaatataggt	cagccaaccc	180
aggggtctcc	tcagcctgta	ggtcagcagg	ctaacaatag	cccaccagtg	gctcaggcat	240
cagtagggca	acagacacag	ccattgcctt	caccttcacc	acagcctgcc	cagctttcag	300
tccagcaaca	ggcagctcag	ccaacccgct	gggtagcacc	tcggaaccgt	ggcagtgggt	360
tcgggtcataa	tgggggtggat	ggtaatggag	taggacagtc	tcaggctggt	tctggatcta	420
ctccttcaga	accccaccca	gtgttggaga				450

<210> 2994
 <211> 405
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 2994						
nncaccanna	aacttcagcc	aaccgggtca	ttgtggacac	cattggttatg	gccaatctgg	60
gctactttca	gctgaaagcc	aaccaggag	cttggatcct	cagacttagg	aagggacgct	120
ctgaagatat	ttatagaatt	tacagccacg	atggcaccga	ttctccccct	gatgctgatg	180
aggtggttat	cgtcctcaac	aacttcaaaa	gcaaaattat	taaagtgaag	gttcagaaga	240
aggcagatat	ggtgaacgaa	gacttgctga	gtgatggaac	gagtgagaat	gaatctggat	300
tttgggattc	cttcaaattg	ggctttacag	gacagaacac	tgaggaagtg	aagcaagata	360
aagatgacat	aattaatatt	ttctccgttg	catctggtca	tctct		405

<210> 2995
 <211> 400
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature

<222> (1)...(400)

<223> n = A,T,C or G

<400> 2995

ggcacgaggg	gggacgcgct	caatgctctt	tatgtatccc	ttagnngggct	tccgatttaa	60
gcgactgccc	acgagaccca	aaaaaggtgg	tccggaaatc	tcaccgtgag	gcgcgggtca	120
tcagactgaa	acttgctcac	agacttccag	ttattttatt	ggggctctgaa	ggatatcaac	180
agctcatctg	tgaccaacag	ggcaactgga	acctacacaa	accaattgct	tgctgcaagc	240
agagttttat	atatttatag	tcacagacgg	cagaggaaga	ggctctcagt	ccccacctgt	300
acaacaacgg	aaaggtgtgt	ggccacacta	agaatccaaa	cgccgtggcc	tcctgcagag	360
ctgngggcttt	tgtggagaat	acttccgggt	attacatgcg			400

<210> 2996

<211> 336

<212> DNA

<213> Homo sapien

<400> 2996

tacgggtggt	agaagacgac	aaaaaggtac	gggtgcgaca	agactacaga	aggggttctt	60
ttattaggaa	atgcatgtat	acggaaaaag	aagaagggaat	ctttaccaat	ggactacagg	120
aagtgaagc	aaaacgtttc	cctacctgaa	agtttccttg	tgtgagactg	gaatatatag	180
ttttacctct	gtacaccatt	tttgctctag	cctatatgga	ctacctacac	tcataatgag	240
aataatgatc	aatgaagga	gttcggtttt	gttttgttct	tttctttctt	tttttttttc	300
tggagacaat	ctcactcctg	caccaggct	gggggtg			336

<210> 2997

<211> 375

<212> DNA

<213> Homo sapien

<400> 2997

tacggcttca	gattacgaca	gaaggagttt	gtatcctagg	agcaataggc	tataccatat	60
agcctagggt	tgtagtaggc	tgtaccatct	aggtttgtgt	taaattcact	ctttgatggt	120
tgctcaggga	cgaaattgcc	taaaaactca	tttcttagaa	tgtatccctg	tcgttaaggg	180
actcgtgacc	gtattactat	cttacagatg	aagaaagtga	agttctgaaa	ggttaagtgt	240
cttggccaaa	gacacacagc	cagtataatg	ggagcaaaac	acaactgcct	gaagaaaaac	300
tttggttgat	taaagttaaag	taaaaacaga	tctgaaaaga	tctaccaatt	caaatccttc	360
agtaaaattc	tgggt					375

<210> 2998

<211> 373

<212> DNA

<213> Homo sapien

<400> 2998

catgcgacgc	catggaacat	taagaggaaa	aagttttgaa	aaaattaaag	ccatttacaa	60
cctgggtttc	aacgctagcc	ctttctggat	tgccatacgc	cctgccaaaga	tactgcaggc	120
ccattcaggc	ctgtgctatc	tgcatacagc	gagggctttc	caggaacttg	actgtctttc	180
attcgaactt	tatttttgtt	gatttaatat	tttaaacttt	attttaaaaa	tatttcaaac	240
ataagggcgg	ggtgtggtgg	ctcatgcctg	gaatcccagc	actttgggag	gccgaggcgg	300
gcggatcacc	tgaggccagg	agttggagac	cagccaggcc	accatgggga	aaccctgtct	360

ctaccaaaaa tag

373

<210> 2999

<211> 399

<212> DNA

<213> Homo sapien

<400> 2999

gggaagaaga	aggaggagtg	gtaaaggctc	caccaaccca	accagttctg	cctcctcaaa	60
ctataatcca	gcagcctcag	ccattaattc	aaccaccacc	attggtgcaa	agccaactgc	120
ctcaacagca	gcctcaacca	ccacaaccac	agcagcaaca	aggacctcag	ccacaggccc	180
agcctcacca	agtgcagcct	caacagcagc	agctgcagaa	tcgctgggta	gctcctcgta	240
acaggggagc	aggcttcaac	cagaacaatg	gagcgggcag	tgaaaacttt	ggtttaggtg	300
ttgtacctgt	cagtgtttca	ccttctagtg	tagaagtgca	tcccgtgctg	gaaaagctaa	360
aggccataaa	caactataat	cccaaagact	ttgattgga			399

<210> 3000

<211> 428

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(428)

<223> n = A,T,C or G

<400> 3000

ctttactagt	tttgaaaaaa	gtagaacaaa	ataaccaaag	tgacttttgt	acttttttat	60
tggtgtgtgt	ttgtttat	agagatgggt	tcactctgcg	ttgcccagtc	tggccttgaa	120
ctcctggagt	atccttttgc	ctcagcctcc	cgagtagctg	ggactgcagg	tgtataccac	180
ctccccaact	tggatttact	agtagtagca	agtgtagaca	agagtctcct	atttggaatg	240
taaattgttg	gttggaatgt	acgttggcac	aacttgggga	aagtttggca	atgtatatca	300
aaagcattaa	aattgtgtat	atcttgtggc	ctggcaatac	tccttttatg	aatttattat	360
aaaaaaaagt	acatttattt	aaaaacttag	ctggctgggt	tggttggtgc	attcctgtaa	420
tcccagcn						428

<210> 3001

<211> 390

<212> DNA

<213> Homo sapien

<400> 3001

ggcacgaggc	tactcttacg	cactcacggt	cattaactgc	gttctgatgg	cagaaggtag	60
acagcaactg	gacaaagggt	aatttacgga	gaagtacgtg	gtcccgacga	caaggctggc	120
attcaagttc	atcacactct	accgggcgat	acgggagcat	ggcttctacg	tcactgactg	180
tccccagcag	caggcacaac	cccctgaggg	cggcggtttg	tgctgagagc	tatgtaagcg	240
cagcctgtac	gctggagggt	agggaggatg	ctacctttaa	tcactactat	ggatctctaa	300
atgcatttaa	ctgcggataa	taaaaacgtg	tatgggcccg	gcatgggtggc	tcacacctgt	360
gataccacca	ctgtgggaag	ctattacagg				390

<210> 3002

<211> 405
 <212> DNA
 <213> Homo sapien

<400> 3002
 gtccgttgct gtcgggaagt ccttacctct gtaggtatct cctcaatgaa tactgtgtgt 60
 aaggctgaaa tagttcatta tgtaataaac cttctttatg ttctcagga aatgcttagg 120
 tgggtgtcaca aaatgtgcct tttcttttct tttctttttt tttttttggg gcaaagtctc 180
 cttttttttcc ccaggttgaa ggccaggggg ccaacttggg ttaattgaag cctccccttc 240
 cgggggttaac ccttttttct ggcttagacc ttcaaggaat tgggaattaa agcttcccc 300
 ccccccccg ggatattttt ttggattttt aataaaacac ggggttcattt ttgttatcca 360
 ggggggttca tatctccggc cccaataatc cccccgcttt tgcct 405

<210> 3003
 <211> 433
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 3003
 nnccggcacg agagttggac cagaactccc tcttggacac atcccaattc aagtgatccg 60
 caaagagggtg gattctaaac ctgtttccca gaagcccca cctccctctg agaaggtaga 120
 ggtgaaagtt cccctgctc cagttccttg tctcctccc agccctggcc cttctgctgt 180
 cccctcttcc cccaagagtg tggctacaga agagagggca gccccagca ctgcccctgc 240
 agaagctaca cctccaaaac caggagaagc caaggctccc ccaaaacatc caggagtgtc 300
 gaaagtggaa gccatcctgg agaaggtgca ggggctggag caggctgtag acaactttga 360
 aggaagaag actgacaaaa agtacctgat gatcgaagag tatattgacca aagagctgct 420
 ggcctggat tcn 433

<210> 3004
 <211> 335
 <212> DNA
 <213> Homo sapien

<400> 3004
 tacggctgcg agaagacgac agaagggtac agacagagag gtgagttggg tttagaagag 60
 gctggttaagg tgggctcaac caaaaaaggc ccagtggacc ctacactatg gaatgaattg 120
 tgtcccccca aattcgtatg ttgaaccctt aactctcaat gcgactatat ttggagatag 180
 ggttttttagg tgattcaggt taaatgaggt cctaagggtg aggcctaata ctgatgggac 240
 tgggtgttctt ataaatggaa caggatgcac aagagagctc tctctcccca catgcacgaa 300
 gaggccatgt gagtacagag caaaatggcg gccac 335

<210> 3005
 <211> 350
 <212> DNA
 <213> Homo sapien

<400> 3005

tacggctgcg	agaagacgac	acaaggggaat	gaagagtcct	ttttgggtcc	aagccaatcc	60
tggtctgggtg	ctttgcttcc	cttgctatgc	tgccaccctg	agtttctgca	cttcagaggg	120
tttccatcac	tcccttgcta	aatttcagtg	ctgtacctta	catattctac	ctaaagctta	180
gttttatagt	tgagttgatt	tttctttgtg	gaagagatag	gcgtcgagca	ccttcagtta	240
gccatttaac	gcgtttttta	tggttttaatg	ctgaatagag	ttccattgta	tctactactt	300
cttttttttt	tggccattga	cctaattgagg	ggtatttgga	ccatttttat		350

<210> 3006

<211> 405

<212> DNA

<213> Homo sapien

<400> 3006

ggcacgagag	gctatggcat	ctaggtttgt	gtatttacac	tgtgatgttt	gaacagcgaa	60
tgaaattgct	taacaatgca	tttctcgga	catatccatg	ttgttaaagt	tcccatggct	120
gtattgatgt	tgatcttaaa	catagacatg	atagaatgac	tcagaattta	atactctttg	180
tgatttcaaa	agtagatttt	agcaaaatgc	tttagtgaaa	acctgtgtat	aattttttta	240
aaaacattta	acattttta	cataaatgct	aacagatcct	tctgtcttat	ttccagtctt	300
tttaagggtg	tgaatttctg	gaacttaacc	catttatgca	ggagattaaa	atttttttgtg	360
tgtgaaaaat	cagaccttgt	cagtgcacct	gaacagttta	catat		405

<210> 3007

<211> 408

<212> DNA

<213> Homo sapien

<400> 3007

ggcacgagac	ttgggaggct	gaggcaggca	aattgcttga	acccgggagg	tggaggttgc	60
agtgaaccga	gatcgtacca	ctgcactcta	gcctgggcaa	cagagcaaga	ctctgtctca	120
aaaaaaaaaa	aaaaaggggt	ggaaaagggg	aaacggctgg	gggggggggt	tacaccctgt	180
gaacccaacc	tttggggggg	ccgggggggg	gggactccct	ggggggaagg	attggaaacc	240
caccggggcc	accgggaaaa	accccgtttt	ttttaaaaaa	acaaaaatttt	accccgggccg	300
gggggggggg	ccctgaaacc	ccggtttttt	gggagggtgg	ggggagaaaa	ttgggttaaac	360
ctgggggggg	gggggtggaa	gggcctaaaa	accccccccg	ggcttttc		408

<210> 3008

<211> 422

<212> DNA

<213> Homo sapien

<400> 3008

ttattgcatg	agaccagcta	gcttgttgtt	tgggccgaag	cggcctacgg	ctgccagatg	60
acgacagacg	ggtacggctc	cgagaagacg	accgaagggg	ttgatataac	tgtgtgggtg	120
agtctgatta	tactcataat	aatatatttg	tatctgcagt	gcctagaaca	aaacctgcc	180
tatggcaaat	agtcaatatt	tgttgaagaa	atagattaat	tgacattaaa	agggagaata	240
tttaatccct	gctgaggact	aataaaatca	tttttattat	tgtcaacttg	ctttaacaac	300
catctcacia	ataaaatgaa	ggctactata	ttgttttgca	gttctgaatc	taactttaca	360
aaaatattga	agagcatgct	aagaaaagat	catatatctg	gcacattaaa	aggcgtttag	420
ag						422

<210> 3009
 <211> 407
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 3009
 ggcacgagga gagtcccacg aactggctgg gtatacagaa atgtccagag gccggagagc 60
 gtttcagatc acatgtaccg gatggcagtt atggctatgg tgatcaaaga tgaccgtctt 120
 aacaaagacc gatgtgtacg cctagccctg gttcatgata tggcagaatg catcgttggg 180
 gacatagcac cagcagataa catccccaaa gaagaaaaaac ataggcgaga agaggaagct 240
 atgaagcaga taaccacagct cctaccagag gacctcagaa aggagctcta tgaactttgg 300
 gaagagtacg agacccaatc tagtgcagaa gccaaatttg tgaagcagct agaccaatgt 360
 gaaatgattc ttcaagcatc tgaatatgaa gaccttgaac acaaacn 407

<210> 3010
 <211> 403
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(403)
 <223> n = A,T,C or G

<400> 3010
 cgttgctgtc ggaagtgcc a gactcccgc aggcagaaac tgaagctgaa gtgaaaaaga 60
 agaagaacaa gaagaagaac aaaaagggtga atggctctgcc tcctgaaata gctgctgttc 120
 ctgagctggc aaaataactgg gccagaggt acaggctctt ctcccgtttt gatgatggga 180
 ttaagtggga cagagagggc tggttttcag ttacacccga gaagattgct gaacacattg 240
 ctggccgtgt tagtcagtc ttcaagtgtg acgttgtagt agacgcattc tgtggagttg 300
 gaggaatac cattcagttt gccttaacag gaatgagagt gattgccatt gatatcgatc 360
 ctgttaagat tgcccttgct cgcaataatg cagaagttta tgn 403

<210> 3011
 <211> 387
 <212> DNA
 <213> Homo sapien

<400> 3011
 cctgcacggg ctgttgatgc ctgccaccct tcacgtgagg tgtgacttac tctccttgc 60
 cttgcaccac gatggtgagg cctccccagc catgtggaac tgggagtga gataaagctc 120
 tatctttgat agatgggccc ctcttacgta tgttgttatc atcagagggg gactgacta 180
 acatggcgct tccgagggtg tggactacat gtctgaagat cttggtgagg tgagggaggg 240
 tgctacatg taaaaaagct gttttaaaat taaatatgac tttaatTTTA aaaattaaac 300
 atttttgc at tacaagtt aatatatac catggaaatt tgaataacta gaagaaggga 360
 gaaaacacct tttctaactg ttatcat 387

<210> 3012
 <211> 380
 <212> DNA
 <213> Homo sapien

<400> 3012
 tacggctgcg agatatacga cagaagggtg cggctgcgag aagacgacag aagggatgtg 60
 ggattccctg aaccaactgg taatgcacta ccagcatata aggtgtcctc attaaagcag 120
 ttggtgattg gtacatggga cctcactcat gtatgtttgc atctacttgt gagtcaaaaa 180
 gttttcttaa agtatagggt ggatcatgaa agacatacaa ttcactggag aaattgtgaa 240
 aaagtaaaag attatgaatt taggctcaaa gccaatttcc ctctcattta attctacatg 300
 agcaagtcaa ggagtttggg agagctttat gaaatctcta aagattgaag gaaaacaatc 360
 actataatcg atttgataag 380

<210> 3013
 <211> 391
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 3013
 ggcacgaggg tgtgaccaca cttcttcttg aagggcagcc tcctgcccag gccccgtggc 60
 cctggagcct caataaagtg tccctttcat tgactggaaa aaaaaaaaaa aaaaaaaagg 120
 cccccaaaaa aaaaaggggg gccttatacc taaaacccaa acggaaaaaa aaccttggaa 180
 agttgggaaa aaccccaacc aaaaaggcgg gaaaaaaaagg cttaaatagg aaaaatgggg 240
 gagccattgg ttttaattgga accaaaaaaa cccggaaaaa aaaaggtaaa aaaaacaatt 300
 ggcttttttt tatttttcaa ggtccggggg agggggggga agttttttnn ncatngcang 360
 actttctaca angacaccca aactccttaa g 391

<210> 3014
 <211> 385
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 3014
 ggcacgaggg tgtggatatcc catgagttgt ttctgtgcac tggctctatg tgccgctatg 60
 ctgaagacct ggcccccatg ttgaagggtca tggcaagacc tgggatcaaa aggctaaaac 120
 tagacacaaa ggtacattta aaagacttaa aattttactg gatggaacat gatggaggct 180
 catttttaat gtccaaagtg gaccaagatc tcattatgac tcagaaaaag gttgtggctc 240
 accttgaaac tattctaaga gcctcagttc aacatgttaa actgaacaaa atgaagcact 300
 cttttcacct gtggatcgca atgatgtcag caaagggaca tgatgggaag gaacctgtga 360

aatttgtaga tttgcttggc gaccn

385

<210> 3015

<211> 372

<212> DNA

<213> Homo sapien

<400> 3015

gttgctgtcg	gtgagcgctg	ctgagcggga	ggtgggcacg	gcgggggcat	cgagatgcc	60
agccgcggga	ctgagtcttc	cccctcccc	ggtgcactca	gatgaacgac	ccgagccagc	120
ccaacgagga	gggcatcact	gccttgacac	acgccatctg	cggcgccaac	tactctatcg	180
tggatttctt	catcaccgcg	ggtgccaatg	tcaactcccc	cgacagccac	ggctgggtgag	240
ccccgacccg	cgcggtgggc	tgggtcccc	gtgggcggac	gcgcagcctc	tcacgcatcg	300
ttccccgcaa	ccccccacc	ccacgcctag	gacacccttg	cactgcgcgg	cgtcgtgcaa	360
cgacacagtc	at					372

<210> 3016

<211> 381

<212> DNA

<213> Homo sapien

<400> 3016

tacggctgcg	agaagacgac	agaaggggca	cttatgacaa	cattaacaca	gaatgccagt	60
tcatcagcag	ccgactcacg	gagtgggtcg	aagagcaaaa	acaacaacaa	gtcttcaagc	120
cagcagacat	catcttcttc	ctctcttctt	tccttatcat	cggttcttc	atcatcaact	180
gttgtagaag	aatctcttca	acaaacaact	gtagtgcag	aatctgattc	aaatagtcag	240
gttgattgga	cttacgatcc	atatgaacct	cgatactgca	tttgtaatca	ggtatcttat	300
ggtgagatgg	tgggatgtga	taaccaagat	tgccctatag	aatgggtcca	ttatgggtgc	360
gttggattga	cagaggcacc	a				381

<210> 3017

<211> 442

<212> DNA

<213> Homo sapien

<400> 3017

tctttttgca	ttatcccatc	gattcgctca	ggctgatctc	aaactcctgg	cctgaagcaa	60
ttttcctggt	tcatcttccc	aaagagttgg	gaataggagt	gggagccact	gtgctagcct	120
atgctttact	tattccaaaa	aaataacaag	aatggaaaga	ggaaaaataa	acctgaaagc	180
gagttgagat	acattaatcc	agctgtatct	taaatgagaa	acataaccac	accgacgggg	240
attggtgaag	ggaagatgga	aatctaatc	caagtgatct	atcgacacat	caaagtgtgt	300
tgactgtata	ctggcagttg	tgggtggggga	tgggactgca	agaaaaatct	tgaggccagg	360
cgctggtggc	tcatgcctgt	aatcttaaca	ctttgagagg	ccgaggcaag	atcacctgag	420
gtcaggagtt	cgagaccagc	ct				442

<210> 3018

<211> 427

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 3018

ggcacgagga	gagagagaga	gagaactatt	ctcgagagca	gttttttttt	tttttttttt	60
ttaaaaaagg	gggacccctt	gggttcccca	ggcgggaggg	cagggctgaa	atttgggtta	120
atggcaccct	cctttttctaa	ggttaaggga	atctccttcc	ccccccccc	taaaaagcgg	180
gaaaaaagg	cacttcccc	cttccccagt	taatttttgt	tttttaaaaa	aaaagggggg	240
ttccaagg	ggccaagagc	agccctgtt	cgtgcacaaa	ggcaccaaca	tggagaccgt	300
ccaaaactgt	cgcatttagg	ggactgaccc	caccgtccaa	gcgatattgg	gttttaaant	360
ggagggttat	tatctcttgc	gggacatcgg	gtgagttgac	ccatacccgg	agcctgccaa	420
aaataag						427

<210> 3019

<211> 418

<212> DNA

<213> Homo sapien

<400> 3019

ggcacgagaa	gaccttggat	caaaaggaag	cttctatacc	tctttcttct	tcgcttcctc	60
ctctcccaag	caatggaaac	ttttacccat	gtaattctag	ctgaactcag	gaaaaagaag	120
ggggaaagga	ctctgtcccc	ttggggctca	tcacccttcc	acatcctcct	cctcgttgcc	180
ccctggtcag	gcagcttctt	tttttttttt	ttaaaaagga	agcttggtt	tgccccccag	240
cctgaaaggc	agggggccaa	tctcgggtta	ttgaaaactt	ggcctcgga	ataaaggcaa	300
ttttccggcc	taacccttta	aggaactggg	aataacgggc	ccccggcccc	ccccccgggt	360
taattttgga	ttttaaggga	aaaggggggt	taacattgct	gccccaaatg	ttttaaat	418

<210> 3020

<211> 375

<212> DNA

<213> Homo sapien

<400> 3020

tactgttgtt	agaagacgac	agaaggggta	cacatgcaca	cacgtacagg	agcgtgcaca	60
caaacacacg	tgcacgcaca	cacgcatgca	cacacgcaca	catgtgtgca	cacatgcaca	120
catgcgcgca	cacatgcaca	ggagcctcca	aacacacgtg	catgcacaca	catgcacaca	180
ctcacacgca	tgcacacacg	cacacaagca	aacacatgga	cacacacaaa	cgcgcacatg	240
tacaggagcc	tgcacacaaa	cacacgtgca	tgcatacaca	cgtacacaaa	catgcacaca	300
cacatgggcc	aggcgtgggt	gctcacgcct	gtaatcccag	cactttggga	ggccaaggag	360
ggtggatcac	gaggc					375

<210> 3021

<211> 384

<212> DNA

<213> Homo sapien

<400> 3021

ggcacgagac	ctagaaagag	agtgcaatga	agaactttgc	aattatgagg	aagccagaga	60
gatttttgtg	gatgaagata	aaacgattgc	attttggcag	gaatattcag	ctaaaggacc	120
aaccacaaaa	tcagatggca	acagagagaa	aatagatgtt	atgggccttc	tgactggatt	180

aattgctgct	ggagtat	ttt	tggttat	ttt	tggtatt	ctt	ggctact	atc	ttt	gtatcac	240
taagtgtaat	aggctaca	ac	atccatg	ctc	ttcagcc	gtc	tatgaaagg	ggaggcac	ac		300
tccctccatc	attttcaga	a	gacctgag	ga	ggctgcct	tg	tctccattg	cgccttct	gt		360
ggaggatgca	ggattac	ctt	ctta								384

<210> 3022

<211> 401

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(401)

<223> n = A,T,C or G

<400> 3022

nnnnacgaga	gaaaggatag	gaaggaagca	tgagagagaa	tagggagaag	tgaacaggga	60
tgcagagcga	atgccagttt	cagccaactc	caaggacagc	cctggagctg	gaatggcctt	120
tacagctgcc	ccatggcgac	agaggcggcc	aggcttctat	acccctacgt	ggatcactca	180
ctgtgcttgg	gcaccttggg	aaagggcatg	gctttgagca	aaaggctctc	tgcagctgag	240
gcaaccccta	ccagggctga	cggctgaagt	ctgtctgctg	accactgtcc	cagcagctgg	300
ggcttgtag	tccttctca	aagggggatc	cagatggcat	gtcacagtgt	ctacctgaaa	360
tgctcactga	atccagctgc	aatgcaagaa	gactccctga	t		401

<210> 3023

<211> 406

<212> DNA

<213> Homo sapien

<400> 3023

ggcacgaggt	ctctgcaaaa	gacccctccg	acccgagtg	t	cg	t	ggaact	gg	ttccctgg	60	
gctgaccgga	gccgggagaa	caacctggcc	tcaggagag	agacgctacc	gggcttacgc					120	
cacccctct	cctcaacaca	agcccaact	gctacccgcg	aggtgcaagt	aagcggcacc					180	
tcaaaagtgt	ctgcggggccc	tgaccggctg	caggtggcgg	tgcgagt	gag	cac	caag			240	
gaggcggcag	ccgaggccaa	aaagagcgtt	tg	tcg	ccgcg	gc	tag	attacat	aacgc	atagc	300
ctccagcagc	agggcgtgca	ggcagaaaat	ataactgtga	caaaggactt	taggagagt	g				360	
gaaaatgctt	atcacatgga	agcagaggtc	tgcattacat	ttactg						406	

<210> 3024

<211> 399

<212> DNA

<213> Homo sapien

<400> 3024

ggcacgaggt	ctctgcaaaa	gacccctccg	acccgagtg	t	cg	t	ggaact	gg	ttccctgg	60	
gctgaccgga	gccgggagaa	caacctggcc	tcaggagag	agacgctacc	gggcttacgc					120	
cacccctct	cctcaacaca	agcccaact	gctacccgcg	aggtgcaagt	aagcggcacc					180	
tcaaaagtgt	ctgcggggccc	tgaccggg	caggtggtg	tgcgagt	gag	cac	caag			240	
gaggcggcag	ccgaggccaa	aaagagcgtt	tg	tcg	ccgcg	gc	tag	attacat	cacgc	agagc	300
ctccagcagc	agggcgtgca	ggcagaaaat	ataactgtga	caaaggattt	taggagagt	g				360	
gaaaatgctt	atcacatgga	agcagaggtc	tgcattact							399	

<210> 3025
 <211> 399
 <212> DNA
 <213> Homo sapien

<400> 3025
 ggcacgaggg ggggttggtg cgagctgtac tgcccctgga cactgctgag acactggaca 60
 tggcctcgca cacatggctg gcactggcac ccctgcccac tgcccgggct ggtgcagctg 120
 cggtagttct gggcaagcag gtgctagtgg tgggtgggtg ggatgaggtc cagagcccgg 180
 tagctgctgt agaggccttc ctgatggatg agggccgctg ggagcgtcgg gccaccctcc 240
 ctcaagcagc catggggggt gcaactgtgg agagagatgg tatggtgtat gctctggggg 300
 gaatggggcc tgacacggcc cccagggccc aggtacgtgt gtatgagccc cgtcgggact 360
 gctggccttc gctaccctcc atgcccacac cctgctatg 399

<210> 3026
 <211> 407
 <212> DNA
 <213> Homo sapien

<400> 3026
 gggggccagcc cagccctttg agatgtcgag gttggcataa cacaaagcca aaagagaaaag 60
 aacatcctgg ccaacgtgga caaaccacag ctaaaacgca aatgtaactg ggggtggagg 120
 tgcaagcctg gaaacccaat tgcttgatag gctgccgcta gagactcact tcaaccacag 180
 aggagcagga tgcgcagagc ttatatggtc cactgcact ccaacgtgag tgacagataa 240
 aacctcatct cctaaaaaat aataataata ttctagcatg tttatatgaa aataattgtg 300
 ctttccaaaa cagaaataaa aatagtgaag aatgtgtcat tgttttacat ctctatatca 360
 aatgtataga ctacaggtag atttccttat ctgcttctgc agtcatt 407

<210> 3027
 <211> 353
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 3027
 tatcggctgc gagaagacga cagaagggtg cggctccgag aacacgacag aagggttaata 60
 tcaagctgta tatttttcaa aggtttttta aactttggag actctttctt ttgttaagca 120
 gttaaaggaa taaaagagct ggaaaaaaa ttgtaccttc aactcaggtt gttccatata 180
 acatacgtat tctctgctgt tacgtaagtt ttccgattca cagagtcctat tcatgtacat 240
 cacttacact taaattgtaa aaataattag tctgaccatc tgactttaaa agactgttgc 300
 tacacgtaca tcatgtttag gagaatgtgg gatatgngga aggggagaag aag 353

<210> 3028
 <211> 340
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(340)
 <223> n = A,T,C or G

<400> 3028
 tacggctgcg agaagacgac agaaggggtac ggctccgaaa agacgacaga aggggcattgg 60
 taaaatagac aaaatggcta ctcttaatct accattctca ctgggttggt gtgaggacac 120
 agataattaa gaaaaacata ataaatatcc aaattagaaa atggaaaagg ggccgtaacc 180
 ctactcctaa cctggtcatt ttaacctcct gtgccctcag tttcttcac tgtataatgg 240
 acataggcct ggtgtggttg caagaagcag ctaaaaaatca ggaaaaagaa catcatgtat 300
 tcagctatgc acacttccaa cgttgctctt tactgaggcn 340

<210> 3029
 <211> 417
 <212> DNA
 <213> Homo sapien

<400> 3029
 ctgtgttgag gctaattggcg gtgcccacgg aactggatgg agggagtgtt aaggagaccg 60
 cagcggaaaga ggaatcgca gttctggcac ctggcgccgc cccgttcgga aattttcctc 120
 attattctcg cttccaccct ccggagcaac ggctccgcct cctgcccccg gagctgcttc 180
 gacagctctt tcctgagagt cccgagaacg ggccgattct ggggctcgac gtgggggtgta 240
 actccgggga tctgagtgtg gctctatata aacacttcct ctccctacct gacgggggaaa 300
 cctgctcaga tgctcaaga gaattccgtc tcctctgctg cgacatagat ccagtcctgg 360
 tgaagcgagc cgaaaaagaa tgtccttttc ctgatgcctt gacttttatc accctgg 417

<210> 3030
 <211> 407
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 3030
 cgttgctgtc gaaagactca gcccaagtat aggatgcctt ttttcccttt gttttttttt 60
 ttttgaaaag ggagtttggt tttgccccca aaggtggaaa ggcagggcca gaatttgggt 120
 taactgaaat acccccctcc ttgattaagg aaattttctt gcttaaccct cccgggaagt 180
 gggaatggaa ggcccccccc cccaccccggt gtaaattttg gatttttaag aaaaaacggg 240
 ttttaacaat ttggcgcagg gtggttttaa acnatnaacc taagggaatt accttccttg 300
 gccctccaaa aggccgtgaa taaagggcgt aatgcccggc cccaaacaaa aaaggggggt 360
 tttctaaata ccgggggggt ggggttttaa acaatacttt gacaaaa 407

<210> 3031
 <211> 423
 <212> DNA
 <213> Homo sapien

<400> 3031

ggaaatttgg	gaagaatcca	agaagtatag	gccaatgaaa	acaagttatt	aatacaaaata	60
gtactgtata	tgagagtaca	cattacgaat	gctgtgcttt	aatgcataaa	catgtttaca	120
gtgggtccaca	tgtgccagga	gatgtgggaa	tggctacccc	tgaagtcata	tgaggaaatg	180
gggtcctcat	cgcacaccat	acacaaacat	catctcacia	atggattaaa	gacacttaag	240
acctgaaacc	aaaaaaaactc	ctaggagaaa	acacagggga	aagctccatg	acatcagttt	300
cggcgatgat	ttttttttgg	acatgacact	aaaagaacaa	gcaacaaaac	taaaagtaaa	360
caggtgggat	tacattgaag	taaaaagttt	ctgcacaaca	aaggaaacaa	ccaacaaaat	420
gag						423

<210> 3032

<211> 410

<212> DNA

<213> Homo sapien

<400> 3032

ggcacgagag	cgcacttccc	tccggagacg	ttagaaagtg	cattttggcg	tcacttaagg	60
gacggtgtag	tgagttccgg	cttcactggg	tccaattctg	tcccattgtt	cgttgcattg	120
gaacttttct	ggatttcagt	tctttcatcc	ggggcctgcc	ggtgccgtaa	acggccattc	180
aaagggaaaa	acgaacacgc	acaccaaagc	gctagcttgc	gttcctgcgc	atgcgcagtg	240
acccgagcgg	agaggccgag	gcgtagccta	agcgtgggat	tccgcgcgtg	cgctcggctc	300
cgcttgggtc	ggccgcggcc	gggagggact	ggattatgtc	ggccccgttt	gaagagcggg	360
gtgggggtgt	accgtgcggg	accccggtgg	gccagtggac	cagaccttgg		410

<210> 3033

<211> 416

<212> DNA

<213> Homo sapien

<400> 3033

ggcacgagga	aacgtttgtt	gttttgggtc	tcacaataaa	ccttgggtacc	gccaactctt	60
tggtccgtgc	catctaaaag	cgctgtgaca	ctcaccgcga	aggtcccggc	tttattcctg	120
agaccacgaa	cccaccggca	ggaaccaact	ccagactact	atgtgctaca	gagaacttct	180
tcaggccttg	aaaatagaac	atagtaaaaa	gcggcttctt	tgtccatgga	tcagcagtea	240
ctatttccca	gctcgcctcc	aagagctaac	taaagtgcag	cataaactgc	atgcagcatt	300
gttttcacca	cagcaaacc	ttcgggggtc	ctcctagcgg	cggatggaga	actagcattg	360
cgcgagagca	ggaatgggccc	acttgtgtgt	aacaaaagat	ggactgcgct	tggaag	416

<210> 3034

<211> 431

<212> DNA

<213> Homo sapien

<400> 3034

cgttgctgtc	gaagactgag	gtcgttgatt	ctgatggatc	agtgaaagac	aaaatcacag	60
cattcatagt	agaaagagac	tttgggtggg	tcactaatgg	gaaacccgaa	gataaattag	120
gcattcgggg	ctccaacact	tgtgaagtcc	atthttgaaa	caccaagata	cctgtggaaa	180
acatccttgg	agaggctcga	gatgagttta	aggtggccat	gaacatcctc	aacagcggcc	240
ggttcagcat	gggcagcgtc	gtggctgggc	tgctcaagag	attgattgaa	atgactgctg	300
agtacgcctg	cacaaggaaa	cagtttaaca	agaggctcag	tgaatttgga	ttgattcagg	360

agaaatttgc actgatggct cagaaagctt acgtcatgga gagtatgacc tacctcacag 420
cagggatgct g 431

<210> 3035
<211> 335
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1) ... (335)
<223> n = A,T,C or G

<400> 3035
tacggctgcg agaagacgac agaaggggag gagacacaga acatggcggg agggatggca 60
gtctaccctg tggcaacgcg gaagtcacgc tgccgcaagg ggcgcatagg gggccatacg 120
accccagaac gcaaataata ggtaggcgga cctttcccg cttgcgcgcac actcagctac 180
gtaagactcc ttccttcacc tttcctttct ttgcctttcc tttccctgac gctggaggaa 240
gaagggcagg ggttctgtgc catangcggc ctttctgggt cagaggacct tccccatcct 300
ccatcatgtg agcagccaga gccgggctgc cgaan 335

<210> 3036
<211> 408
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1) ... (408)
<223> n = A,T,C or G

<400> 3036
ggcacgaggc acactgcact ccagtccagt cacgggggtcc tggggccctga gcggctacag 60
caggcactga gccaggaaca catcatcggt gccaggaac agacagtgc caatcaggag 120
gaagccgctt acatccaaga gatcaccacg gcagatggcc agaccgtaca gcacctggtg 180
acctccgaca accaggtgag ctactagcta ctgttaatcc cctcagctgt gacctcctac 240
cctcccaaag acctaccttg gggaggaatg atactttcca aaccaccctt cctgggggtcc 300
atgcttgcca acaactgcat tgttgctggg ggctgttcct agtcttccac tctgccttct 360
tagctaagct cctggcgagt ggggcctcag cacctgcctc gccatgcn 408

<210> 3037
<211> 353
<212> DNA
<213> Homo sapien

<400> 3037
tctactgctg cgagaagacg acagaagggg ctaacatttg ctccatcaag cagataggta 60
acagagtcta ggactggcca tatagttaaa gaacctaccg tcaagcagga gtagtgtag 120
aaattgcttg atggttgat tagcctgatt tcatgctgtg atacagacac accccagact 180
ggggagttaa tagagaaaaa gaggtttgat tgactcacag ttccacatgg ctggggaggc 240
ctcaaaatca tgggtggaagg cttaaaggata tcttacatgg tagcagacaa gagagaatca 300

ggaccaagca aaaagagttt ccccttgtaa agctatcaga tcttgtaga ctt 353

<210> 3038

<211> 352

<212> DNA

<213> Homo sapien

<400> 3038

tactgctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtgtaga	60
taacagaagg	cactaaatca	ttgaagattt	gacccttgct	catagacttc	tctttacttg	120
gaataacact	tcgacctgcc	tacaaatctt	caacagttta	tttcagctat	tacctccttt	180
ataagatctt	tcctagtctt	cctagatcct	cttagttcta	cctacaaata	ctttatttaa	240
ctttcaatat	tatctgtgca	cctctggctc	tagccactac	caatttaaaa	gctttttgta	300
tgttatctat	ttctcagtct	gcttaaaaca	aagaatacat	aatgaacgg	cg	352

<210> 3039

<211> 346

<212> DNA

<213> Homo sapien

<400> 3039

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgaccga	agggacatgt	60
aaacaataat	ttggtgctcg	gaaggtaggc	gtcagccaag	caaagcagga	aggaaacgga	120
ggagaggggtg	ccttgcttga	atgggggcac	cgcaggggtt	ttcctgccct	gtgcttcate	180
tgtgctatgc	tctaccttcc	ctccagtcag	tcataaaatc	ccctgtttgc	tgcccccgge	240
tttgcttccc	cacactgact	atattagagt	cctcatttgc	agagcagcac	tgcaagctaa	300
gtattttag	cacagattaa	agagactgag	gaggggtcctg	gggagg		346

<210> 3040

<211> 335

<212> DNA

<213> Homo sapien

<400> 3040

tacggctgcg	agaagacgac	agaagggggc	ggccaccata	atgatactat	atgtgtccaa	60
gctaaacaaa	atcattcact	tccctgattt	tgataagaaa	attcctgtaa	aggtaagtaa	120
tgaaaagtat	gtatgactgt	gatagaagat	gtgaaaatac	acattgattt	tagagtacag	180
gtcaatttct	atacacactg	tacttcctgc	ctgcactgga	tagaaacttc	tttttttgtt	240
tgagatggac	tgctgctctg	tcgcccaggc	tggagtgcaa	tggtgtgatc	ttggctcact	300
gcaatctccg	cctcctgggt	tcaagagatt	ctcgc			335

<210> 3041

<211> 375

<212> DNA

<213> Homo sapien

<400> 3041

cgttgctgtc	gctatggcat	ctgcatgtgg	cggaagttaa	gcattaatgg	attcaggggt	60
tccaatttca	tctgctgttg	cagggcgtagc	aataggattg	gtcaccaaaa	ccgatcctga	120
gaagggtgaa	atagaagatt	atcgtttgct	gacagatatt	ttgggaattg	aagattacaa	180
tggtgacatg	gacttcaaaa	tagctggcac	taataaagga	ataactgcat	tacaggctga	240

tattaaatta	cctggaatac	caataaaaaat	tgtgatggag	gctattcaac	aagcttcagt	300
ggcaaaaaag	gagatattac	agatcatgaa	caaaactatt	tcaaaacctc	gagcatctag	360
aaaagaaaat	ggacg					375

<210> 3042
 <211> 389
 <212> DNA
 <213> Homo sapien

<400> 3042						
ctcgcctcag	cgtttctggt	tcaataggtt	ttgggggaga	ccaagaacgt	taacatttct	60
agcaagtttc	caggtgatgc	tgttgttgct	ggctctagaga	ctattttgag	aaccactgtc	120
caggagcgtg	gttttctgat	tgtgatctga	ggttctgccc	caactgcaca	gcagttgggc	180
tgcttggttaa	aaatgcaggt	gcagatcttg	gtggtagtag	caaataattca	aacgagaact	240
ttgaaggccg	aagtggatca	cttgagctca	ggagttcaag	accagcttgg	gaaacatggc	300
aaaaccgcgtc	tttatgtgcc	tggaaatccca	cctgctcagg	tggttagggg	ggatggatcg	360
cttgagccca	agaggtggag	gctgcagt				389

<210> 3043
 <211> 387
 <212> DNA
 <213> Homo sapien

<400> 3043						
ggcacgaggc	aatgtgcagt	acctgaaaag	caggatatta	tgaagaaact	gaaggagatt	60
gcattcccaa	ggacagatga	attgaaaaac	gaccttttaa	agaaatataa	cgtagaatac	120
caagaatatt	tgcaaagcaa	aaacaaatat	aaagctgaaa	ttctcaaaaa	attggagcat	180
cagagattga	tagaggcaga	aagggaagcg	attgctcaga	tgcgccagca	gcagctagaa	240
tcgagagcagt	ttctgttttt	cgaagatcaa	ctcaagaagc	aagagttagc	ccgaggtcaa	300
atgcgaagtc	agcaaaccctc	agggctgtca	gagcagattg	atgggagcgc	tttgtcctgc	360
ttttccacac	accagaacaa	ttccttg				387

<210> 3044
 <211> 373
 <212> DNA
 <213> Homo sapien

<400> 3044						
tacggctgcg	agaagacgac	agaaggatac	ggctgcgaga	agacgacaga	agggtatgga	60
gtagttggag	tgtattgctt	agaacaaaag	agatgagaca	ctaactactgt	gtgtatatct	120
taaatcatat	atcagtgaag	aaatgtgatg	tttgcaacat	cttctctggg	gatgctaacc	180
ccctaagtca	ttattaccat	gcatgtaagc	acctcaccta	gatctgcact	ccatctagca	240
gtgagaaatt	ccaccataat	ctacacacca	taatatcatc	aatgtgtcta	gaagtcagat	300
cctctatgtg	tgaaccaaga	caatgcctgg	caaacaagac	agctgggctc	tcaggtctct	360
gcacatggg	gag					373

<210> 3045
 <211> 379
 <212> DNA
 <213> Homo sapien

<400> 3045

tacggctg	agaagacgac	agaagggtac	ggctgcgaga	agacgacaga	agggctcaca	60
cctgtaatcc	tagcattttg	gacgctacgg	cataagcatt	gcttgaagcc	aggagtttga	120
ggccggccttg	ggaaacagt	aaatcctgtt	tctacacaaa	ataaaaaaaaa	ttagtttgct	180
gtggtggtat	gcatctgtag	tcccagctac	ttgggaggct	gaggtgagag	aatcacttga	240
acccagaagt	tcaagactgc	agtgaactat	gatcgaacca	ctgaacttca	gcctgggcga	300
cagtgaagacc	ccttctcaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaggggg	cccttttttc	360
cctaaaccca	accttgaaa					379

<210> 3046

<211> 410

<212> DNA

<213> Homo sapien

<400> 3046

ctgcgctagt	cctaaagagg	aaatgtctct	actctgcgtg	gatgcagccc	gcaccctggg	60
gccccgggta	tttgggagat	atTTTTgcag	cccagtcaga	ccgttaagct	ccttgccaga	120
taaaaaaaaa	gaactcctac	agaatggacc	agaccttcaa	gattttgtat	ctggtgatct	180
tgcagacagg	agcacctggg	atgaatataa	aggaaacctt	aaacgccaga	aaggagaaag	240
gttaagacta	cctccatggc	taaagacaga	gattcccatg	gggaaaaatt	acaataaact	300
gaaaaatact	ttgcggaatt	taaatctcca	tacagtatgt	gaggaagctc	gatgtcccaa	360
tattggagag	cgttggggag	gcggagaata	tgccaccgcc	acagccacga		410

<210> 3047

<211> 396

<212> DNA

<213> Homo sapien

<400> 3047

caaccgagat	gaagggtgaag	atgctgagcc	ggaatccgga	caattatgtc	cgcgaaacca	60
agttggactt	acagagagtt	ccaagaaact	atgatcctgc	tttacatcct	tttgaggtec	120
cacgagaata	tataagagct	ttaaagtcta	ccaaactgga	acgagtattt	gcaaaacccat	180
tccttgcttc	gctggatggg	caccgtgatg	gagtcaattg	cttgggcaaag	catccagaga	240
agctggctac	tgtcctttct	ggggcgtgtg	atggagaggt	tagaatttgg	aatctaactc	300
agcgggaattg	tatccgtaca	atacaagcac	atgaaggctt	tgtacgagga	atatgtactc	360
gcttttgtgg	gacttctttt	ttcactgggtg	gtgatg			396

<210> 3048

<211> 358

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(358)

<223> n = A,T,C or G

<400> 3048

gcctacggct	gtgagaagac	gacagaaggg	tacggctg	agaagacgac	agaagggtct	60
ctcaattttc	cctttgacgc	aaaanttact	cactcagttt	ctaaagaaat	atTTTTtaaa	120
aagggttca	gtatacgta	gttctctcat	ctagacctgg	ttgctcta	cggtgacatg	180

aaatgcaggc	tttttaccat	cgtaagcagc	actaatatga	acttggaat	atttttaaca	240
cgcgaaaggc	taacaagatg	actcagcaat	accaaagaca	ggcctgaatg	tccgttacta	300
acaaatactg	aaaccctttt	taaaaaatat	ttatctagga	actgagcgag	aaattttt	358

<210> 3049

<211> 413

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(413)

<223> n = A,T,C or G

<400> 3049

cgcacgagga	agaaaaatgt	ttgtaatcta	ttcatttgat	aaaagaccaa	tattcaggat	60
attcaagaaa	cccaaacaat	tcaacagtaa	acaaataagc	ccatgaaaaa	gtaggcacac	120
tttttctatt	tacctccata	aatagacaat	tgtcaaagag	agacttacia	atggccaaca	180
cgaatatgaa	aaaatactca	atgttcccaa	tcacagggga	aatgcaaatt	ataaccacag	240
tgaaatataa	tctcatccca	gtttgaatgg	ctattataaa	aaagacaaaa	aataaccaat	300
gctgatgagg	aggtagagaa	aaaggaactc	ttgtgcactg	gttgggtggaa	atgtaaacca	360
gtacagccac	tgtgggagaa	aatatgaggt	ttttcaaaaa	actaaaactc	atn	413

<210> 3050

<211> 398

<212> DNA

<213> Homo sapien

<400> 3050

ggcacgagac	aaaatgaagc	tttaaaacag	ataaaagaaa	tctacaattc	cccattttaag	60
taggctgtta	aatccaacat	ttaaaataaa	aattaagcta	tttctttttg	gtttcccaca	120
ccacttttac	ctgtactgat	tttttttctt	cttttttttt	tttaaaaaaa	caggggttttg	180
ttttgtcact	cccaacctgg	agggcgaggga	cccaataata	tttccttaca	gcctcaaatt	240
cctgacctca	agggatctcc	ttcccaaaag	gttgcaattg	caggggggaa	ccactgcccc	300
tggttggtga	aaaatttttg	cctacaggga	gggaaactac	taaagtctct	ggggaaccaa	360
agtaaaatth	cttaaaaaca	aaagggaggg	agaggaga			398

<210> 3051

<211> 340

<212> DNA

<213> Homo sapien

<400> 3051

tacggctgcg	agaagacgac	agaagggggc	cctcagtggg	catgttccgg	tctcccaggt	60
gacaccaacg	ggtcccacag	agaccagcct	catctccgtc	ctggctgatg	ccacggccac	120
gtactacaac	agctacagtg	tgtcatagag	ctggaggcgc	cccgtccggg	cagccctcgc	180
gccctctcct	tctgtgcct	tgagtggcag	aggagccgtc	cagccacacc	agctttcttc	240
ccaccgctca	gggcaggag	gtctgaactg	cggccccaga	gcctttggcc	taagctggac	300
tctccttate	cgagtgccgc	ctctatcccc	ttccccacgt			340

<210> 3052

<211> 383
 <212> DNA
 <213> Homo sapien

<400> 3052

cgttgctgtc	ggagaattcc	agttttttctc	acatcctcat	caacagttgt	tattgtcttg	60
cttttttatt	atattcatct	gtaatgtgaa	gtgtttatct	cattgtgggt	ttgatttaca	120
tttccctgat	ggttgatgat	tttcaacatc	ttttcatata	cttattagtc	attatgtatc	180
ttctttggag	aatgtctgtt	cagatccttt	acctacttta	taattgggtt	atctttttta	240
tattgaactg	taatagtttt	taaaaaatat	atcctaaata	caagtctctt	atcagataat	300
atgatttgca	gatattttct	gtcatttctat	gtactgtctt	ttcacattct	tgatgataga	360
cttttcagcc	caaatgtttt	tat				383

<210> 3053
 <211> 415
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 3053

ctcaggctga	tctaaactcc	tggcctgaag	caattctcct	gtctcatctt	ccgaaagtgg	60
tgggattaca	agtgtgagcc	actgcgctag	cctatgcttt	acttattcca	aaaaaataac	120
atgaatggaa	agaggaaaaa	taaacctgaa	agcaagtga	gatacatata	tccagctgta	180
ttttaaatga	gtaacataac	cacaccgacg	gggattgggtg	aaggaggat	ggaaaatcta	240
atccaagtga	tttatcgaca	catcaaagt	gtttgactgt	atactgtcag	ttgtgggtggg	300
ggatgggact	gcaagaaaaa	tcttgaggcc	aggcgctggt	ggctcatgcc	tgtaatctta	360
gcactttgag	aggccgaggc	aagatcacct	gaggtcagga	gttcgagacc	agccn	415

<210> 3054
 <211> 421
 <212> DNA
 <213> Homo sapien

<400> 3054

ggcacgagaa	gaccttggat	caaaaggaag	cttctataacc	tctttcttct	tcgcttctct	60
ctctcccaag	caatggaaac	ttttacccat	gtaattctag	ctgaactcag	gaaaaagaag	120
ggggaaagga	ctctgtcccc	ttggggctca	tcacccttcc	acatcctcct	cctcgttgcc	180
ccctggtcag	gcagcttctt	tttttttttt	ttaaaaagg	atttttgttt	tgtccccag	240
cttgaaagcc	aggggcccac	tctgggttaa	tggaaaactt	tgctccgga	ataaaagcaa	300
tactccggcc	tcacccttta	aagtaccggg	aataacgggg	cccctcccc	ccccccgggt	360
tattttttgt	ttttaaggga	aaacgggggt	tacccttgct	gcccaaattg	gtttaaaact	420
g						421

<210> 3055
 <211> 162
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 3055
 acctatnatg gaattctaatt gtcattatatt taatggaatc aatcgaaata tgctctatag 60
 agaatatatc ttttatatat tgctgcagtt tccttatgtt aatcttttaa cactaaagga 120
 acatgacata atcataccat agaaggggaac acaggttacc at 162

<210> 3056
 <211> 381
 <212> DNA
 <213> Homo sapien

<400> 3056
 cgttgctgtc gggctgtgag gcgctgggga atctcaaaaa acttcagccg gggacaatca 60
 aaaatctgaa gcaggacaat tggggagaga gagatcactc ttcttgaaga gatcatcatg 120
 cagttgtaga tccttttggt ctagaaaggc cacaagaagc tgagaggaag tctgattcct 180
 cagtgcgcac ggggatggga ttgggggtggg ctggtctggt ggtggagcca ccggtatggc 240
 tgacaagata ggggggtgggt cagtgtgggg caggggttga gagtgcgggc cctgggtcag 300
 cctgcttatg tatcagtcct gcctctgccca cttactatgc aacctggagc aagtgaacac 360
 ctcagggctc agagtcttca t 381

<210> 3057
 <211> 400
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 3057
 nnnacgagat gaagtgtttg atgtgtacaa agccccactg cagggcgacc acaatcatct 60
 ttttataaga caaggtactg gtctacaggg acaagcagtc tttaaaacga aactcacctt 120
 cagacctcac tctacggaca gtgccacaca tagaaagatg actctgtcac ttgcagatag 180
 gtgttcaaag acacagaaga ttagaatctt gccaatggct ggtcgtgac ctgaatgccca 240
 acgcacagaa atgattaaga aagaagaaga acgtttgagg gcttccatac gtaggggaatc 300
 tcagcagcgc cgaatgagag agaaacagca ccagcggggg ctgagcgcca gttacctgga 360
 acctgatcga tacgatgagg aggaggaagg cgaggagtcn 400

<210> 3058
 <211> 335
 <212> DNA
 <213> Homo sapien

<400> 3058
 tacggctgcg agaagacgac agaagggcta ctatgttcct gataacctga tactgctccg 60

ttaatcctcg	tgggttgata	cttgaaagat	atattaatcc	tcatggagca	ggatcagatt	120
accaggaaca	taggagtggg	ttcctgtcca	aaccaaattg	cattcctttg	gattttttaa	180
tttaacttaa	ttggctattc	taaagagtcc	ccctcaccca	atgtttgatc	attggagccc	240
ttaagatgca	caatgaaatt	gtgttttgca	ttttttggtg	acaggactaa	aggaaggacc	300
tggtaatgta	tgctggagca	ttcttcttgg	aaggg			335

<210> 3059
 <211> 387
 <212> DNA
 <213> Homo sapien

<400> 3059						
ggcacgagca	ttgctttgct	tgtgcatttt	gtccaattct	tggttcaaaa	tgccaaaaac	60
ctggacaact	tgtagtcaag	gccctccact	ggcaacatgt	atatgtgttt	ttgaggtggt	120
aggtagctga	gattgaagat	gagtggattt	atgaattgaa	taacaataaa	tatcctactt	180
aaaaatgtta	aaagttggaa	atcatctctt	attgtgataa	catattttct	ctccctggga	240
atctgttggg	cagattggag	ctggcagggg	agggcctgta	ttgttgaagt	tgccatggct	300
actgcaggaa	gtgagctttc	ttctaaaaac	ctcactggcc	caagaacaag	cccaggcaag	360
tctacaattc	aatgacttag	aagtatt				387

<210> 3060
 <211> 395
 <212> DNA
 <213> Homo sapien

<400> 3060						
ggcacgaggg	tgtgggaggg	gcagtggccc	tcatttatca	ctctgacctt	cacagggaca	60
gatctgattt	atattttttg	gttaaaaaaa	aaaagggaac	aaaaccaact	ttgcattgca	120
tgggctggac	ccataaacta	agttatatcc	gggaaaaaaa	aaaaaaaaaa	aaacccccctt	180
aaaaataatg	gggggggttt	tcccgaacc	ccaacctgaa	aaaaacccctt	gggggggttgg	240
ggccaccccc	ccctaaaagg	ccgggaaaaa	aaggcttttt	ttggaaaatt	ggggggggctt	300
tggttttttt	tggacccctt	taaacccgga	aaaaacaagt	taacccccac	aatgggtttt	360
tttttttttt	ccaggggccc	gggggggggg	ggggg			395

<210> 3061
 <211> 399
 <212> DNA
 <213> Homo sapien

<400> 3061						
ctggtgttag	ggtactttgt	ttttgaggtt	tggcagagat	gtgtttaaga	gctgcggctc	60
acaagcgagg	ggaggtgtgg	gaggtttttc	tattggagaa	taacaaatgc	taaggggtgac	120
gtggaagaag	ttcaaggacc	tggagtagtt	ggtgaatttc	caatcatcat	cccaggctcg	180
gtatatgaat	acacaagctg	taccacattc	tctacaacat	caggatacat	ggaaggatat	240
tataccttcc	attttcttta	ctttaaagac	aagatcttta	atgttgccat	tccccgattc	300
catatggcat	gtccaacatt	caggggtgtc	atagcccgat	tggaaatggg	tcctgatgaa	360
tatgaagaga	tggaacaaga	ggaggaggag	gaatatgag			399

<210> 3062
 <211> 399
 <212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(399)

<223> n = A,T,C or G

<400> 3062

tgacccttgg	actctcagac	accttgaggt	tcagcagagg	aaaaaggtac	cacaaaagaa	60
tttgaacaga	gggcctgatg	aaacagtgag	gtttcacata	acccaagcaa	agaacatttt	120
tcaagagaaa	aagaaaggac	agttccatct	attgatgttt	gagaaatcaa	atgagattag	180
gtgagagaag	aaactattgt	gggaactaaa	tgataagaac	ttacgaacac	aaagaaggaa	240
acaacacata	ctgaggtcta	cttgaagtgg	ggggaggtgt	gggaggtttt	ntatntnnnt	300
nanntatgan	anttaaactg	tgtgtaatta	gggggggtta	ttaaaaat	ttttaaatgt	360
gatagagaag	cttaagaaat	gtgtgtgctg	ttgggggtgn			399

<210> 3063

<211> 385

<212> DNA

<213> Homo sapien

<400> 3063

cgatgctgtc	ggcagaacac	tgatgagctt	cccagcacag	ggacaggaaa	ggtggcttgc	60
gggtctggaa	gaagggtcag	gtggcattta	cacagtggga	gagggctgat	cggagacagg	120
cattccatgc	agggcatttg	gaagcaaaat	gtggaggtca	ggccatgctg	ggctattcag	180
agaaggaagt	atgggacatg	tcggtgaacc	cgaatgccta	gtaaggcagc	tctgatggag	240
gaagccaagc	tgatggcatc	tctctggcac	ttggcagcga	tggccttcat	tacttacgtg	300
ctcctggctg	ggatggcact	gggcattcag	aaaaggtcag	tgccaagccc	cttccttacc	360
ctccccctcc	tgtgagctct	tctcc				385

<210> 3064

<211> 334

<212> DNA

<213> Homo sapien

<400> 3064

tacggctgcg	agaagaccac	agaagggtac	ggctgcgaga	agaccacaga	aggggtacggc	60
tgctagaaga	ccacagaagg	ggaaaataaa	aaaataaaac	atTTTTTTTg	gccctTTTTt	120
tgcgaagtgc	caactttatc	aaaatctttt	tataatttgg	gccaaccccc	aattaaagtg	180
ttgggaaaaa	actTTTTTTt	tgggaaattt	tggaaccttt	tgtTTTTTTt	ggaccccttt	240
aaacttggca	taaaccagtt	aacccccccc	atttcctttt	TTTTTTTTTt	taagtacacg	300
gggggggggg	gggagggtta	gcttctgttg	aaac			334

<210> 3065

<211> 422

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(422)

<223> n = A,T,C or G

<400> 3065

cgttgctgtc	gccaggcccc	actcacacca	ctacaggctc	tacctatagt	gccattacca	60
ctaccacag	tgctccaagc	cccctcactc	acactactac	aggctccacc	cacaagccca	120
taatctctac	ccttactact	acaggcccta	ccctcaatat	cataggccca	gtccagacta	180
ccacaagccc	caccacact	atgccaagcc	ctaccatac	cacagcaatc	cccgcgatac	240
ttcaacgcct	tctgacttcc	aggatgatgac	tgggccccca	ataaatcccg	tctttgggtc	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	aaaaaccccc	cgcggcgcct	tttgtagaa	aaaaacaaaa	aaaaaaaaaa	420
aa						422

<210> 3066

<211> 421

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(421)

<223> n = A,T,C or G

<400> 3066

ggcacgaggg	gctggggcgc	ccccacttg	catctcagag	accccggaat	gcaaggcctc	60
ctgcagctgc	acccaggggc	ccccacagt	atctggggat	taggacgctc	agggtgccgg	120
gccctgcccc	cagcgccctg	gcgggagctg	ctgtcacacc	cagcaggtgc	gggccgagca	180
ggacccaaca	gagggctcag	gagggcaagg	cccaaccggg	agccacgtgg	aaccagagg	240
aagccgcccc	acccagcttg	gccacagcca	tcttccctcc	tgccggacag	ggtgggccgg	300
ccaccgagca	gaccagtggc	cccgccttgg	tcccggttca	gcagccccag	ggtcccttgc	360
cctcatctgg	ggcggctgtg	ggctctggcg	ctcctctctg	gctgaggtgg	aaacagagac	420
n						421

<210> 3067

<211> 398

<212> DNA

<213> Homo sapien

<400> 3067

ggcacgagac	cgtgttggag	gcccattgca	gaatattgac	tttaccagc	gaccgtttca	60
tggcatctca	acagttagtc	ttccaaatag	tctgcaggaa	gtagggcaca	gaaacagggg	120
gaggattggg	tgtttttcct	gtttctgtgc	cctacttgag	tcctctaata	cttcgtctag	180
aacttgaatc	tttgctagat	aatgaagggtg	atcaggtgat	tcatacatct	tctttcatca	240
atcaacatcc	aatcattttc	tggaaacctcg	tttggtattt	cagacgtttg	gaccttccta	300
gtgacttgcc	aggacttata	ctcacatctg	aacattgtaa	tgaagggtga	cagctttctc	360
tgcatctct	gttccaggat	agcaaaccttg	tgtatatatt			398

<210> 3068

<211> 421

<212> DNA

<213> Homo sapien

<400> 3068

ggcacgagag	atgacatttt	ctccgatttt	tattatgttc	ggttcacgga	gcggctacat	60
gaagtcttga	aggatgggtca	gccccgggtc	actccacttg	gctatgtctt	gcccagccac	120
gtgactgagg	agatgctatg	ggagtgcaag	cagcttgggg	ctcactcccc	ctccaccttg	180
ctgaccaccc	tcattgttctt	taataccaag	tacttcctat	tgaagacagt	ggaccagcac	240
atgaagctgg	ccttctccaa	ggtcttgca	cagacaaaga	agaacccttc	taatcccaag	300
gataaaagca	cgagtatccg	gtacttgaag	gcccttggaa	tacaccacac	tggccagaaa	360
gttacagatg	acatgtatgc	agaacagacg	gaaaatccag	agaatccatt	gagatgtccc	420
t						421

<210> 3069

<211> 386

<212> DNA

<213> Homo sapien

<400> 3069

cgttgctgtc	ggaataaaac	attttactta	aacacaaaga	gcatcagtga	cctgtggggac	60
aactttatgc	agccttatta	tctatggtga	ttggcgctcc	tgaaagagag	gagtggggag	120
ggagatggaa	taggaaaaat	acttgaagac	ataatggcca	aagattttct	gaatataata	180
aaaactaagt	ccacagatcc	aagatgctca	acaaaccctg	agtatgagaa	atatgaagaa	240
aaatatgcc	aggctcatca	taacttgctg	gaaaccagt	ttaaaaagaa	aatcttaaat	300
gcaaccaggg	gagaggatag	ttacttgca	tggaacaaag	acgaagttga	cattacactt	360
ctcattggaa	acaatgccag	taagca				386

<210> 3070

<211> 415

<212> DNA

<213> Homo sapien

<400> 3070

cgttgctgtc	ggaggaacaa	ataaacactt	atgacataca	gaaaacaaaa	agttagaatg	60
gcagaagtca	gtccagcctt	atcaatagta	acattaaacg	tgaatagatt	taacaattca	120
ttcaaaagac	agattgttat	attggatcag	aaaacaagat	ccagttatat	gcagcctata	180
gaaaacacac	tttcaattca	gagataaaat	aggttgaaag	taaaggacag	aaaaagatgt	240
atcatgcagg	cagcatccac	gagaaaagctg	gagaggctgt	acttttaaaa	agttggaggg	300
acagagtctc	actctgtcac	ccaggctgga	gtgcagtggc	acgatcagct	cactgcaacc	360
tccacctccc	gggttcaagc	aattctgatg	cctcagcctc	ccaagtaatt	gggat	415

<210> 3071

<211> 411

<212> DNA

<213> Homo sapien

<400> 3071

ggcacgagac	tgaccatgcc	ccttggacaa	gttatttagt	ctccccgagt	ctgtttgctc	60
atctctaaag	agaggggtgat	gacagtacct	ttttcccagg	gttacagagg	gattgaatga	120
gatgatggat	ggcccagtg	ctggaggaca	gtagcacttt	gtccttaata	gggatttttag	180
caataaagcc	agcatgaaat	ttatttttca	tgcccttaga	tttgaaaatt	tatgacttag	240
aatgtgtgta	cttcttaggt	taacctgccc	ttcgtcacct	catgaaaagt	aagacagact	300
taggtggctg	actttggagg	gttttttttg	ttatatttgc	tttcattata	gatcagcaac	360
cgttggaagc	tggcccaggt	acaagtacaa	aaagactcta	aagaagctgt	t	411

<210> 3072
 <211> 406
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 3072
 ttgagatttt aagtgaatgt aagcagaaaa agtcagatcc aatttacaga aatcagagtt 60
 agctacagct aggactcgtt tggttggggt tttttagttt gtctttctaa agtcatgtgg 120
 accttaattt aattacaaaa gtctaccctg gtggcatga aataggcagg cctatgaaga 180
 aaggcctttt actcttccag catgcaagct cagaaccaac acattactct ctgtgcctaa 240
 tgttccctcaa tgtggttgat tttttttttt aatttataga gcatttcggg ggaggtgtgg 300
 ggagtttctt nnncacttta tctccnnntt acaaaaaattt gaggtgcaaa ggggaaggccc 360
 gatttttttt ttaatgaatt tttttttatt agatctcgag gggttat 406

<210> 3073
 <211> 409
 <212> DNA
 <213> Homo sapien

<400> 3073
 ggcacgaggt aaaacacccc ctacatgttc caattctggg cctgtcttct atctatcttt 60
 gcccttctgg tccgttccct gttctgagcc ccagggaact tagggctgaa agtcaccccc 120
 gaagcctcag accagatcgg gaggccacac gcagctcatg gggacagagg gcccagggtg 180
 acggtccact catgagaagt gctatgtgac tccaggaggt ctgtccctct ccgggctcca 240
 atccccagcc caagctcaga tgacccagcc tgtgtccctt tagcggccga ggagccacca 300
 cctgttcggg ggctggagga tggttccca gaggacctgg gacactcacc tagctcgttc 360
 atggcacggc ggtactcctc atcacaggac agcttcataa cagcacagg 409

<210> 3074
 <211> 406
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 3074
 ggcaccaggn tgtccagagc gttgttcatc tctacagact cctcagcgct ctgcagggtg 60
 tgggtgctgca gcaggacagc tacattgagg accagaaact ggtgctgagc gagagggcgc 120
 tcaactcgag cttgtccccg ccgagctccc tcattgagca ggagaagcag cgcagcctgg 180
 agaagcagcg ccaggacctg gccaacctac agaagcagca ggcccagtac ctgcaggaga 240
 agcgcaggcg cgagcgtgag tgggaagctc gtgagaggga gctgcgggag cgggaggccc 300
 tcctggccca gcgcgaggag gaggtgcagc aggggcagca ggacctggaa aaggagcggg 360

aggagctcca gcagaagaag ggcacatacc agtatgacct ggagcg

406

<210> 3075

<211> 399

<212> DNA

<213> Homo sapien

<400> 3075

ggcacgaggt	ctgatgttgg	cctaggggaag	ggacgggtact	acagtgtaaa	tgtgcccatt	60
caggatggca	tacaagatga	aaaatattac	cagatctgtg	aaagtgtact	aaaggaagta	120
taccaagcct	ttaatcccaa	agcagtggtc	ttacagctgg	gagctgacac	aatagctggg	180
gatcccatgt	gctcctttta	catgactcca	gtgggaattg	gcaagtgtct	taagtacatc	240
cttcaatggc	agttggcaac	actcattttg	ggaggaggag	gctataacct	tgccaacacg	300
gctcgatgct	ggacataact	gaccggggtc	atcctagggg	aaacactatc	ctctgagatc	360
ccagatcatg	agttttttcac	agcatatggt	cctgattat			399

<210> 3076

<211> 425

<212> DNA

<213> Homo sapien

<400> 3076

atcccatcga	ttcgaattcg	gcacgagcta	accaggacgg	cccagtaggc	agagctcatt	60
tttattcctg	tctgcaatcg	tgcaaaaacg	cctcttatgg	aaaagccaga	gcgccaggag	120
tcagcaaaac	acactaaaga	ttgggcagtc	actggggaga	acactcagcc	cgctgcacc	180
caggtgaaat	atacagcctt	gttgctcaca	caaagcctgt	ttggtggttt	cttcacacgg	240
atgcatgtga	catttggtgc	tgaagacca	ggacaggagg	actcctttgg	gagaccagtg	300
ccctgttgtc	gccttcactc	cgtgaggaga	tccacctatg	atctcaggtc	ctcagaccaa	360
ccagcccaag	gaacatcttg	ccaatttcaa	atcggatagg	agtgtcaggc	ctctgagtcc	420
aagct						425

<210> 3077

<211> 404

<212> DNA

<213> Homo sapien

<400> 3077

ggcacgaggt	ttttgttttt	aagagatggt	gtctcgctgt	gttgcccagg	ctggaatgca	60
gtgactgttt	acagctgcga	tcatagcata	ctacatcctc	aaactcctgg	gctcaagcaa	120
tccccttgct	tcagcctgcc	aagtaactgg	gactacaggc	gcactgctgt	acccggcttt	180
gtgtttgttg	aaataatttg	aaagggtatg	ctggaagcat	attaaagtgg	ttattgaagc	240
agatctgtgt	tgggggtgat	ggggagagaa	aatgtgggct	ccagttgagt	ttaaggcagg	300
agtgtccaat	cttttggttt	ccgtgggcca	cattgggaga	tttgtcttgg	gccatacata	360
aaatacacta	atgctaata	tagctgatga	gctaaaataa	aaaa		404

<210> 3078

<211> 376

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(376)
 <223> n = A,T,C or G

<400> 3078

ggcacgagga	gcggcgcgcc	ggttccttgg	tccctgaggg	cgatggcgcg	gggtggctgg	60
cgccggctac	gccgcctgtt	atccgtgggt	cccttcctgc	actactggta	cttgctcgctg	120
gaccgcctat	tccctgcgtc	tgccctccga	ggcttcccaa	atgtcctcaa	gaaggtcctc	180
gtggatcagc	tggtagcctc	tccattgctg	ggcgtctggg	acttcttggg	ccttggctgc	240
ctggaggggtc	agacagtggg	tgagagctgc	caggagctgc	gggagaagtt	ctgggaattc	300
tacaaggcag	actggtgcgt	gtggcctgct	gcgcagttcg	tgaacttcct	cttcgtgccc	360
cctcaatttc	gagtcn					376

<210> 3079

<211> 326

<212> DNA

<213> Homo sapien

<400> 3079

tacggctgcg	agaagacgac	agaagggcat	ctataggaaa	aagtctttcc	ctatggaagc	60
tactccctta	aactagaaga	ggcgactgtt	ccaccagatg	cacagatatc	aacataaaga	120
cccaagaaac	acaaagaagc	aaaaacaaaa	cgaaacaaaa	aacacacaaa	caaataaaga	180
gaaacacaac	acttccaaat	gaacataata	atttctctgt	tacagaccct	aaagaaaaga	240
aaatctatga	aatactacga	agaacttgaa	aataatgatc	ttaaggagac	tcagtaagat	300
ataagagaat	acagaataac	aattca				326

<210> 3080

<211> 393

<212> DNA

<213> Homo sapien

<400> 3080

ggcacgaggg	gaccactacc	accaagacgt	ggagatcgac	agtggcccct	aaagcctggc	60
tgcgctgtta	tttattggat	acaaagcaga	tggggcaggg	taaagagttt	acacattcgg	120
caaagcacag	ggcaacagcg	atctctaata	gaaggcgag	cgttaccgtc	tcatgcggga	180
attccactct	cggcccgcgc	tgcccccgcc	ctttatcggt	attttccact	tgcgctact	240
gctcaggcaa	ttgtgcaggc	gaccccgag	ccccagccg	ttctccccgg	ccctcgagca	300
tttacgggtt	tacctttcta	atgaagccca	acggaagctg	ctaactgtgg	aatcggtgca	360
taatgagaac	tttctgctgg	cacgcgctat	ggg			393

<210> 3081

<211> 390

<212> DNA

<213> Homo sapien

<400> 3081

ggcacgagcc	acaagaagca	aaccagatgc	ctcctccatt	tccaagaag	agcctcaagg	60
agaagccaca	cctgtgggca	acagagaatc	cccgggacaa	gctgggatga	attcaattca	120
ttccccaggc	cctgcgagcc	cagtcagtca	cccggatggc	caagaagcca	aggcactgcc	180
gccctttgca	tgtgacgtgt	gcgagaagag	gtttacgtgt	aattccaagc	tagtcatcca	240
caagagatca	cacacaggcg	agagactctt	tcaatgtaat	ctctgtggga	agcgcttcat	300

gcagcttatt agcctccaat ttcaccagcg aaccacact ggcgagaggc cctacacgtg 360
 tgacgtctgc cagaagcagt tcaccagaa 390

<210> 3082
 <211> 349
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

<400> 3082
 tatgtacttc gattgcgaca tgacaacata cagtgatgag ttggtgcaat gcactcctac 60
 aaggcaacga aagataagct ctatttagca acttcgtgat gctatctggt ttattgggaa 120
 ccattataaa ctgcaataaa ctggctagct acgacaattg catatcttgt atgttacaag 180
 attaagggga ggagcgtgga ggcttagctt anagtcacaa aaggagaact tgaaaaacaa 240
 atgcaagaaa aatctgacca gctatagatg catcatgcca aaataaagga actagaagat 300
 ctgaagagaa catttaagga gggatatggat gagttaagaa cactgagaa 349

<210> 3083
 <211> 410
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 3083
 cgggtgctgtc ggaactgggtg gtggctccag cagggtgtgac gatgaaagag ggaaatgaga 60
 tcctgcagcg tagcacgaaa ggtaccaggg agctagttaga aaactcaacc cccagcctga 120
 ctccctgtcc acagtcctcg tgttccttca cagccttaca gggtatccca gcaaccagac 180
 tgagccctgg ggaagggttcg aataacctca ggcaggccag agcacaactc ctgccatcct 240
 tctcttagct tagggaagct tgcccctaga gcagcatctt catagtatgt ttcccaaac 300
 tagtcctatg cgatgctcat cagaaaaaaa tcctgagcaa taactccttt ctctatcccc 360
 tatcttgcac aaagaattgc acattcactt attanaggct ctcagaagtn 410

<210> 3084
 <211> 390
 <212> DNA
 <213> Homo sapien

<400> 3084
 ggcacgagac atcttctcct acttctacat ggtatacggc ggcagctcgg gcaagccctc 60
 cgagaagaac ctctacgccg acatcgacgc cgcgtggcag gcgctgcgca cccggtagg 120
 cgtgagtcctc gagaacatta tcctctatgg tcagagcatt gggactgtcc ccacggtaga 180
 cttggcctcg aggtatgaat gcgcagcggg aattctccat tccccctctga tgtctggttt 240
 gcgtgtggct tttccggata ccaggaaaac atactgcttt gatgctttcc ccagcattga 300

caagatatct	aaagtcacct	ctcctgtgtt	ggtcattcat	ggcacagagg	atgagggtcat	360
cgattttctcc	catggcctag	cgatgtacgg				390

<210> 3085

<211> 424

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(424)

<223> n = A,T,C or G

<400> 3085

ggcacgagga	ggcgatgaag	ggaaaagggtg	gaaagttagg	ctctcgtaaa	gcctagagga	60
tgtgggtgggg	ccatacaata	cggggagtag	gccttttggg	tagaatctac	atgaaatgta	120
ttaggcgatg	ggagggggggc	gccgaccgcg	ctcagcgcgc	atgtgcatcg	gaaacttttc	180
ctgggctctt	cgaccctcgg	tcggctcccc	ttaccgggca	tgcgtattgc	ggccagttgg	240
gccttcgcaa	agtgtctcagg	gaagtgtagt	gtgcagggaa	agtaggtcac	tcctgctatc	300
gcctgggtccg	gaggtgtttg	aggactacaa	ttcccagagt	gcagagcggg	ccctcaccgc	360
ccgcctctcc	gcctacgttt	gggttgagtc	gagttttcct	ggctcctgag	gaacatggag	420
tgcn						424

<210> 3086

<211> 395

<212> DNA

<213> Homo sapien

<400> 3086

tacggctgcg	agatgacgac	agacgggtac	ggctgcgaga	agaccacaga	tgggttccgc	60
tgcgagaaga	ccactgaagg	ggacggctgc	gagaagacga	ctgaagggta	cggctgcgag	120
aagacgactg	aaggggtacgg	ctgcgcacaag	acgacttatg	ggtatcggct	gcgagagacg	180
acagaatggt	acggtgctaa	aagacgacag	aagggctacg	gctgcgagaa	gacgacagaa	240
gggttacatt	acatgatgct	tcaatactag	ataaaccagg	cttttgtgtc	aaagctagat	300
tataggattt	ggagtttaac	tttcttttcc	cagcaaggta	gtggccatct	gagtcagctg	360
gcaaaaactg	ggaggattag	tgatcaagaa	attgt			395

<210> 3087

<211> 423

<212> DNA

<213> Homo sapien

<400> 3087

ggcacgaggt	gaaagcccaa	gttttagatgt	gcattaagta	ttaaatagca	cagtatcttc	60
ttcatggagc	cttttttctc	cccccatccc	ctgcagctgc	cttttttttg	gggaaggggg	120
ggaagggttt	ttgaacttta	aaaaattaaa	aatatagctt	attgaataac	cgccataaaa	180
aatataaatg	cgaatatcat	aaaactcata	ctgctaaact	aaattttttt	tttttcttgt	240
aacggaggtca	taactatgat	accaggctgt	agtgcagcgg	cacgatcttg	gtatattgaa	300
agctacacct	tccgaggtca	ctccatcatc	ctgcataaac	cgtataagta	gctggcacta	360
caggtgacag	ccaccatatc	cagctaattt	tttttgtgtt	tttacaaaaa	gagagagaaa	420
aag						423

<210> 3088
 <211> 409
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 3088
 ggcacgagag atggctcatg ggccaccaga agcattactg tattattagt atgatttaac 60
 ctggacatgc attaaagggg ctattacctt tctttccgtc tgcctcaaca gctgagaagg 120
 ggccgccaaag gagggtccaac cttttgctcc ctccctatctg ggagtgacgg atgggagagc 180
 gtgcgcccac gagggggcgt ctccctggctg gcaaggaggg aaaggcagcg agaggtgcgc 240
 gcagggttggc agtcgtcagc aagctggcaa tgagaaggct ccgaactgat gaatggaaac 300
 ctgctgagct ggagggcgct aggctgacct tgccgagcat ctctgacagc aatcggcaca 360
 gctctctttg gaatagagga aagaagctaa acccaccgc cggaggatn 409

<210> 3089
 <211> 417
 <212> DNA
 <213> Homo sapien

<400> 3089
 gttgctggcc cttgattgct ggaaggattc cgaggaaaag gacaacaacc tgtgtggggt 60
 ccctcccgc aactgaaatt gcaccataac tccaagaag aaacactccc agaaacaaaa 120
 ggcaaagacc cctctgaaac caaagagcaa gtatcaccgc ctgacacata aacttcatga 180
 cctcgacatt gagacaaaat ctgcgcgtgt gacctacaac accactcatt taactccacc 240
 aacttggggg caaataaaag tcttatccca tcaacagaaa aatcattaag agaaaaatga 300
 atccccaaaa cgacagtctg cagatcccgc aaggaatccg aagacaagtc caaagtcaac 360
 gacaagcaat gatggcaatg gtgacctag ttaataaaaa gcgggggagaa tgtgtgg 417

<210> 3090
 <211> 337
 <212> DNA
 <213> Homo sapien

<400> 3090
 tttagcctg cgagattact actgaaaggg cagccttgac ctccctaggct aatggaatcc 60
 tcccacctta gcctctccag tagctggaac tacaggcatg catcaccatg ccagctgat 120
 tttaattttg taaaggcagg accttcctat tttcccagc ctgatctcta actcttggcc 180
 tcaagcaatc ctctctctt ggccctccaa aatgttggga ttacagatgg gagcccccat 240
 accaccaat cacaaggatc ttataagag aatgaggcag gagagtcaga attatagaac 300
 gtgatgcggt aatggaagaa catgtcaaag agggacg 337

<210> 3091
 <211> 375
 <212> DNA
 <213> Homo sapien

<400> 3091

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agaccacaga	aggggtacggc	60
tgcgagagac	gacagaaggg	cagccccctcc	tgggggcacc	tgagaggggtt	ctgtccagac	120
gatccccggtg	acagttgctg	tggaatttcc	atgctgggca	cacttgaggc	ccaaagctcc	180
gattcccaag	aggcgccaca	gcaaccatgc	caggaaactg	ggccaggctg	aggggtggcag	240
gagaggggaga	caggaggagg	caggaagggg	gcagggcctg	tcagatggat	ccctgacaac	300
catccgtctc	aagtccgagg	taaccttata	tctttgcctc	agcagatagg	atgactttgt	360
atgtagggcc	ttcag					375

<210> 3092

<211> 428

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (428)

<223> n = A,T,C or G

<400> 3092

ccactgaaac	tctcggaan	ccnnnnnncc	ccategattc	gaactcggca	cgagggacag	60
gctgcgggag	gagctgcagg	actgatgtac	agaggccagg	ggcccagggc	aggaccacagc	120
ctggacttga	ctccctggga	tcccaggaag	ggcacacct	ttcctcacca	cccagagtga	180
cgctgcccc	tcacagagac	ctctttgccc	cctggccett	gggttagccg	cctccccggc	240
agcgccatct	cccgccttg	gtgctgcccc	cgggcgggtac	ctgctctctc	ccagcgccac	300
ttggcctctt	cctctcctcc	ttccctccca	tcgtcctcct	ccacctgcgc	ctcccttgctc	360
tgaacttccc	aacgccttcc	tattcctttc	caactccttt	tcccccaa	ttcactttcc	420
ttctcagg						428

<210> 3093

<211> 384

<212> DNA

<213> Homo sapien

<400> 3093

ggcacgagga	gagcaggtct	ctgctctggt	ggtgatttta	ctcaagaggg	gatgtgaata	60
tttatatttt	tgtgtggatt	tctgtgtagg	agtttttgta	tgtatggaag	aaagagaaga	120
aaatactcaa	atacctgagg	ataatttgct	caggagtcaa	agtgataaac	tagtttaatg	180
aattaaagca	tggttttcca	tgacaatttt	taattacatc	ctttgccaag	acctctagaa	240
aattacacct	gctgagcaga	tatcccaagg	agcatgtgct	attttaagat	ccccttggtt	300
ttctttgaca	gaagagaaat	cagcaggagg	acgactgatg	agcgtgctgg	aactggagaa	360
gaggaggccc	cgccccaccg	ctcc				384

<210> 3094

<211> 345

<212> DNA

<213> Homo sapien

<400> 3094

tacggctgcg	agaagacgac	agaagggggg	ggtggatgag	tgtggcattc	cgtgaagagg	60
------------	------------	------------	------------	------------	------------	----

aaggtggtaa	gtaaggtttc	ccttctactg	ccttcttaag	ttgcaggagg	gagcttttct	120
cctccccctc	ggttgggagc	actgaggaca	gtgaggaggg	cttttacctt	gttaatecct	180
tccttattta	gctagctttc	ctttttgtct	agggcttctc	cttgagaccc	tcttccatcc	240
attgggcctt	tgaaaggact	aatcagacac	acacacacac	acacacacac	acacacacac	300
actcgcatat	tcatgcacat	tttccttcat	ttccagatcc	tttag		345

<210> 3095

<211> 425

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(425)

<223> n = A,T,C or G

<400> 3095

ggcacgagat	tccagttctg	gatataatcc	caaaagcatt	gaaagcaggg	tcttcaagag	60
atagctacac	acccatgttc	atagcagtat	atgagttaaa	gaaagaggaa	agaaacatga	120
aaagtggctc	aatagtcaaa	gacagggtta	ttttgaagaa	taaacctgag	aggggcttct	180
ggctgatttc	ggtcaggagc	atgttctctc	acagactaag	attattttaag	ggttcagggg	240
gagacagctt	atgacaggct	tggaatgttt	ctgtgtaagg	gagaagttta	tggcgggggt	300
ggaatgtctc	tggtcagagg	ggaggtgacc	ttggggctga	catctctcct	gctggagagg	360
aggttatctc	gngctggca	tgtctctata	aaggaggggg	tttggaatgt	ttctggtcag	420
aaatg						425

<210> 3096

<211> 402

<212> DNA

<213> Homo sapien

<400> 3096

cgttgctgtc	gggcatcccc	ggggctttga	taggagttgt	ccgggacccc	acggagatga	60
gggttcagag	ggtggtgagg	gcacatagga	ggggagggga	agcctggctc	tcaggcctag	120
gcccctatcc	tgccccaggg	cagggtccagg	ccctggaccc	cgcctagcgt	aggctagtgt	180
gtatccctgg	aaccagaaga	gagtaggtgg	gctctggagg	cctcaaagga	cccccgctag	240
actctgtgat	ccccacgccc	cagaacatgc	gtgggcgcta	tgaggcaagc	caggacctgc	300
tgggcaccct	gcggaagcag	cttaacgaca	gcgagagtga	gcggcggggc	ctagaggaac	360
acctgcgtgg	cgccgtcggt	cttgtccccg	aggcactggc	ca		402

<210> 3097

<211> 386

<212> DNA

<213> Homo sapien

<400> 3097

cgttgctgtc	gacgaaagtg	cctaggcccc	cagccacact	ggccagctcc	atggggaatc	60
tgccagaagt	ggacttccct	gtccccccag	gcagaggcag	gagtgtggag	tctgtgcaga	120
gccagcccca	ggagcccgtg	agtgtgcccc	agacactgac	tagcacgctg	gagcacattg	180
tggggccagct	ggatgtcctc	actcagacag	tctccattct	ggagcagcgg	ttgacactga	240
cagaagacaa	gctgaagcag	tgtctggaga	accagcagct	aatcatgcag	agagcaacac	300

catgatcagg ggagcaggaa tcaggagctc ggtggatttg caggtggcag gccagggatt 360
tgtaccgtgg gacttgggta aataag 386

<210> 3098
<211> 407
<212> DNA
<213> Homo sapien

<400> 3098
cgttgctgtc ggggctcaag tgatcctcac gccttggcct cccaaagtgc tgggattata 60
ggcatgagcc actgtgcttg gccaggattt tttttttttt ttttttggaa agggagtttt 120
ttttttgttg cccaggcgga agggcaaggg ggaaatttgg gttaatggaa ccctccctt 180
tcggggtaaa agggattttc tggcctaacc ctcccaagaa gggggaataa aaaatctgcc 240
cccccttccc aactaaattt tgttttttta gaaaaaacgg ggtttttctt tgtgggcaag 300
gggggtctta aactcttgac cttaaaggaat cggcccacct gggcctccaa aagggcggga 360
ataaagggcg gaaccccttg ttccaaaagg aaattttttt ttaatag 407

<210> 3099
<211> 426
<212> DNA
<213> Homo sapien

<400> 3099
cgttgctgtc gaaaaatgaaa agacaagcca tagactggga gaaataattt gcaaaacata 60
catcttacag agcacttggtg tccagaatgt ataaagaact ctttttattt gcgtgtgtgt 120
gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtttta tacagacact gtctatgttg 180
cccacactgg tcttgaaccc ctggctcaag agatcggctt ttctcaccct cccaaagtgc 240
taagattaca ggtgtgagtg accacgcca gccaaagatct ctttaataagg cagcccgcgc 300
ttggtggtat atgcttgtaa ttccagctct ttgagaggct gaggtgggag gatgatttga 360
gatcaagagt ttgagactag cctaggggaac acaggggagac cccatctcta cataaaatta 420
aaaaaa 426

<210> 3100
<211> 375
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(375)
<223> n = A,T,C or G

<400> 3100
ttcgaattcc gctgctggcg acgatttgct ttagggctcg ggcnnctac gtagcagagc 60
aggtccctct ctgcgatcta ttgagagtca gccctcgaca caagggtttg gacactttta 120
agaaacaaag atagttttct gaacattctg tgcctgcct gtctcctgtt gattcgcaga 180
tgtaatatcg agtattcatc aactggtctc aatttcctga acacattcac tgtatccctc 240
attgtaaccg ttatccccct gcttcaaaat gtgccagttc cacttggtta taacgttggg 300
aaaatgcagg tttatgaaat atgtggactt ttagaggatc aaatcaataa attggatttt 360
ttattttttg agggg 375

<210> 3101
 <211> 388
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 3101
 tacggctgcg agaagacgac agaagggcat ctataggaaa aagtctttcc ctatggaagc 60
 tactccctta aactagaaga ggtgactgtt ccaccagatg cacagatatc aacataaaga 120
 cccaagaaac acaaagaagc aaaaacaaaa cgaaacaaaa aacacacaaa caaatgaaac 180
 gaaacacaac acttccaaat gaacataata attctcctgt tacagaccct aaagaaaaga 240
 aaatctatga aatactaaga agaacttgaa aataatgatc ttaaggaaac tcagtaagat 300
 ataagagaat acagaataac aattcaacaa aatcagaaaa acaatttcta aactgaaaga 360
 gaaattcaac aaggatggag ataccatn 388

<210> 3102
 <211> 417
 <212> DNA
 <213> Homo sapien

<400> 3102
 ggcacgaggt tactctttca ttcactcaag aaatgatttc ttgagttccc ggccttttgtt 60
 agagagatga acgaggcacg gtccgtgtcc agctaaagga cagtaggact ggaagagcgt 120
 tgttttccaa ggtacaggat gccgcgcctc ctaggagccg aaggagcggg aggccgcgta 180
 gaggagggga ccgtccccga gcctcgccga gcctgcggtg tagacacctc tgggtgtctag 240
 tggttgagga tctgttgacc gggcatgggt ggtagaagga acgctccgag cagaagaaaa 300
 gtggctgtcg tgaagacatc tgcgtgtgcg ggggtcgtgg gtgcctggag atgaagctgg 360
 aaagagctgc tgcccaaagg gagcaaggag gaacagcggg attacgtctt ctacctg 417

<210> 3103
 <211> 340
 <212> DNA
 <213> Homo sapien

<400> 3103
 tctatcggct gcgagatgac gacagaaggg tacggctgcg agaagacgac agatgggtac 60
 ggctgcgaga agacgacaga agggaattat gtaacatttc tgtacacagt acatcagtgg 120
 acttaattag ggtgcctcct acctcttaca caaatgaaat gctttgtgac aggtattctt 180
 cctcttgaag ggctttttta agaaaaaaaa taatttttaa ctgtatacta gataatctga 240
 gattgcaaaa ggagcaccag ataagggagg tgttaccatg ctgtgcagca gaagaaggct 300
 tataattaag cgtactacac tttaatgctg gggttattcg 340

<210> 3104
 <211> 351
 <212> DNA
 <213> Homo sapien

<400> 3104

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	gacgacagaa	gggtacggct	60
gcgagaagac	gacagaaggg	tacggctgcg	agaagacgac	agaaggggtac	ggctctctac	120
ttacaacctg	ctttctctgc	tgaagcctta	cctcctcttc	agtttccctc	ctagacacaa	180
atcgaaaata	atatactgat	agctgggttag	taacctcagt	aagaattaaa	actgaggggtg	240
tttactcatt	ttgcctttta	atctttttatc	cccttttgggt	gaagggttcc	ctttaggaaa	300
aaaggtgtca	aacaaccctg	agtttttttt	ttttggcacc	atttttataa	g	351

<210> 3105

<211> 342

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(342)

<223> n = A,T,C or G

<400> 3105

tacggctgcg	agaagacgac	agaaggggaga	agaacctatgg	aacatcttaa	caaagaaaag	60
atagagttgt	aataggattt	gggagaatag	tggagtttat	gtgaaattta	aacaaagcat	120
tgttttgata	ggctaaaagc	agtgtaaagg	tgtgtaaagg	ggccaacatc	aggtctgaac	180
tgtcaatcag	acccaggggt	ctgtttgctt	ggaaactaca	aagttaacat	aaatgtggga	240
tttttgtctt	caaaaacttc	ttctttgaag	ctctatacct	tggttgtaaa	ttgaggctac	300
ttanaaatta	tacgtgtaaa	ttgagtgact	tagatctgcc	at		342

<210> 3106

<211> 395

<212> DNA

<213> Homo sapien

<400> 3106

atccgatgct	gccgaaacca	caaagctaca	tactgaccct	cttttttttt	gagacggagt	60
tttgctattg	tgaccagggc	tggagtgcag	aggcgcaacc	ttggcgtcac	tgcaacttcc	120
gtttcccggg	ttcaagggat	tctccggcct	cagcctccca	agtagctggg	tttataggag	180
cccgccacca	gacccggcta	attttttagt	tttagtagag	acgggggtcc	accacgttgg	240
ccaagctggg	cttaaatgac	cctcttattt	ttacttggga	tacctgctat	tctgccaaaa	300
gacaatttct	agagtattta	tgaatgggtt	gattatcccc	actcccacaa	actctgaagc	360
cagtgtctag	cttactaaaa	aaagagctgt	atata			395

<210> 3107

<211> 160

<212> DNA

<213> Homo sapien

<400> 3107

gaacttcta	cacaaccctg	gtattcatcc	cccagacgtt	taaattgtgc	ggaaatatct	60
agtatcagct	ttcatgttac	agaccagccc	ccttgcctta	cctctggagt	cacagctgga	120
ttaactaat	taactacaag	aaaggacaac	tatactgcag			160

<210> 3108

<211> 422
 <212> DNA
 <213> Homo sapien

<400> 3108
 cgttgctgtc ggagactgga gaatgtatac acaccttata tgggcatact tccactgtgc 60
 gttgtatgca tcttcatgaa aaaagagttg ttagcggttc tcgagatgcc actcttaggg 120
 tttgggatat tgagacaggc cagtgtttac atgttttgat gggtcattgt gcagcagtcc 180
 gctgtgttca atatgatggc aggaggggtg ttagtggagc atatgatttt atggtaaagg 240
 tgtgggatcc agagactgaa acctgtctac acacgttgca ggggcatact aatagagtct 300
 attcattaca gtttgatggg atccatgtgg tgagtggatc tcttgataca tcaatccgtg 360
 tttgggatgt ggagacaggg aattgcattc acacgttaac agggcaccag tcgttaacaa 420
 gt 422

<210> 3109
 <211> 154
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(154)
 <223> n = A,T,C or G

<400> 3109
 gatcaactca nccaggaccc gccagcagat gcatgatgcc catacctttc acagcaactc 60
 tgttttgacc caagaagatg cagcagctgc tggggatcgc agaccagccc ctgaccctgg 120
 atttatccgc tgattcagat gaagcccttc gaag 154

<210> 3110
 <211> 351
 <212> DNA
 <213> Homo sapien

<400> 3110
 tactgctgct agaagacgac agaaggggtac ggctgcgaga agacgacaga aggggtacggc 60
 tgcgagaaga cgaccgaagg gtacggttgc gagaagacga cagaagggga ctgcggcttg 120
 tgccgcttcc gcatgaaggc ttcttggcct gttgcagcca tgggtgcattg cacctgcgtg 180
 ttgttcagaa agattcccaa atgctggaaa atcctctttg ctaagctgcg tgtcttatgc 240
 agaacctgct attgccgatt acgcatttac aacattacag cctgaacttg gaaagatcat 300
 gtctcagtga ttcaaacaga tattagtagc tgatcttccg gctttaatag a 351

<210> 3111
 <211> 391
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 3111

gacccttgca	ctctcagaca	ccttgagggt	catcagagga	aaaagggtacc	acagaagaat	60
ttgaaccgag	ggcctgatga	aacagtgagg	tttcacataa	ccaagcctt	gaacattttt	120
caagagaaaa	agaacggaca	gttccatcta	ttgatgtttg	agaaatcaga	tgagattaag	180
tgagagaaga	aactattgcg	ggaactaaat	gatactaact	tactaacaca	aagaaggaaa	240
caacacatac	tgagggtctac	ttgaagttag	gggagggtgtt	gnaagtttat	cacacaccaa	300
aagaagttag	ggtccccgaa	ccaggagaac	ggagggtacc	acaggacaat	cgctgcccc	360
caacctcgta	gcaacagcgg	taccgtggga	g			391

<210> 3112

<211> 396

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 3112

gggttnnngc	cggcctacgg	ctgcgagaag	acgactgaag	gatacggctg	cgagaagacg	60
acagaagggt	acggctgcga	gaagacgaca	gaaggggggtc	cggcagaacc	tgcacgccc	120
cggagcttat	gagaggtgtg	aattcatgga	cccacctctg	aatcagaatc	aggccccact	180
tctgcatcag	aagccctggg	tggcaccagc	aagtgttttg	caagcccttg	agaagcagtg	240
tctttgagaa	cgtgacctgt	gccccaggca	ccagattttac	tccccgagcc	cagcaggaca	300
tctgcatata	acacacagcc	gaagtcagaa	aatatatattt	tggtgactaa	acggagcacc	360
tggagtacat	gataacacac	acacacacac	acacac			396

<210> 3113

<211> 179

<212> DNA

<213> Homo sapien

<400> 3113

cgttgctgtc	ggagagacag	aaggaactgg	cgacagtgg	ctcagggccg	ctccggggggg	60
cctcaagaac	cggaggcagc	cccggagggt	gccgcggggc	gacacgccag	aggaggaggc	120
cggggaatgg	ccgcgggtgtg	gcagcaagtc	ttagcagtgg	acgcgaggta	caacgcgta	179

<210> 3114

<211> 352

<212> DNA

<213> Homo sapien

<400> 3114

tctactgctg	cgagaagacg	acagaagggt	acggctgcta	gaagacgaca	gatgggtacg	60
gctgcgagaa	gacgacagaa	gggtacggct	gcgagaagac	cacagaagg	tacggctgctg	120
agaagactac	agaagggtac	ggctgcgaga	agactacaga	agggtactgc	tgcgagaaga	180
cgacagaagg	gtacggctgc	gacaagacca	cttaagggtta	ccgctgcgag	aagacgacag	240
aagggtaccg	ctgcggtaga	ccacagaagg	gctattgcat	gccagcagct	atctggggcc	300
ctgggacatc	tgtgccagtc	cttgagcgcg	gagccgctcc	agccaccgtt	ct	352

<210> 3115
 <211> 333
 <212> DNA
 <213> Homo sapien

<400> 3115
 tacggctgcg agaagacgac agaaggggtac ggctgcgaga agacgacaga aggggtacggc 60
 tgccagaaga cgacagaagg gatatactaa gagaaagcca tcccttcctc agtccagagg 120
 aggaatccta attaagccaa tcaggtaatt tcattctgct ctgtcagtga ctggccatga 180
 ggacagatgg gaaaatctag aagcttctgg aaatatgttt ctctcttcta caccttctac 240
 agaaggtgtg ggaggaagag tgccctttct cctctcacc cctctccaa ccggtagaaa 300
 attcaacaga attatTTTTT taaatgctgg cat 333

<210> 3116
 <211> 346
 <212> DNA
 <213> Homo sapien

<400> 3116
 tacggctgcg agaagacgac agaaggggct ccaatcaagg ggttctgggt ctgtaacagg 60
 gcttaagttt aggaactgat taaggagcta tgactgggtga ttttaagtttag gcatctgttc 120
 acttacctta gaactcttcc ttttgtacag atcaatttag aatttagtgg aatgcccattc 180
 ttttgttttt ttctaggaac actatgacca gccagccaat gctgtagggt tctgtgaatc 240
 agactattca gattattgct ttgactttgc cgtccattat ggtaaccata actactttat 300
 ctttagtgat taagtgtctgc cacttggccc ctgccacccc aggatg 346

<210> 3117
 <211> 343
 <212> DNA
 <213> Homo sapien

<400> 3117
 tacggctgcg agaagacgac agaaggggtg agactctgtc tcaaaaaaaaa aaaaaaaaaa 60
 attagacttc aaaaggggtg ggctcctgaa atccccccct tttgggggacc ataaccagg 120
 gcgggaggat cactcgaccc aggaatttaa aaataaccct gacccaaaata aaccccgttt 180
 ttgaaaaaaaa ttttaaaaaa ctaacttggc ttggggggtc acccctgtag cccacacctat 240
 taaggaggct ggggtggggag gaccacttga ttctaaaagg ttaaggctgc cttgaccctt 300
 tatcacacca ctgttttcca ccctgggtga caaaccaaaa tct 343

<210> 3118
 <211> 403
 <212> DNA
 <213> Homo sapien

<400> 3118
 ctgggatcat gccattgcac tccagcctgt gtgatagagc gagacttcgt ctcaaaaaa 60
 aatctaattt taaagtctta agattttgcc attcctccta ctcccaaaca aatctttggg 120
 gaaaaaaaaa ctaccaactg tcagccatgg gcctgacggc gctaagctct ggggctccgt 180
 gcactgacgt gggggccagcc acagggaggc ggggatcaag tagcggaggc caggattttg 240
 gccacctccc gggcaagttg cagggcagtg gcgccgggag caaaagcagc atgatgcagc 300

tcatgcacct ggagtccttt tatgaaaaaa cctcctcctg ggcttatcaa ggaagatgac 360
actaagccag aagactgcat accagatgta ccaggcaatg aac 403

<210> 3119
<211> 357
<212> DNA
<213> Homo sapien

<400> 3119
tatcggctgc tagaagacga cagattggta cggctgcgag aagacgacag aggggtacgg 60
ctgcgagaag acgacagaag ggtacggctg cgagaagacg acagaagggt acggctgcga 120
gaagacgaca gaagggcctc tcctacaccc cagggccttg tcatcagact ccctcagctc 180
cagacctccc tgtgcagtaa ctccccctc aaagaattca catccctgga cagcagtgga 240
ccttttaaac tataaagccc attctgctcc tacttttaga cgatcctacc aagttagag 300
aagaaggtat ctaggattga aagtacccca taagaagata ttccgaatac catagag 357

<210> 3120
<211> 404
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

<400> 3120
ggcacgaggg cgggggaggg accagcgcgg agccgacatg tgtctgcgcc tcggaggcct 60
gagtgtgggc gacttccgga aggtgctgat gaagacaggg ctggtgctgg tgggtgctgg 120
ccatgtgagc ttcacacag ctgccctgtt ccatggcaca gtgctgcgct acgtgggcac 180
ccctcaagat gcggtggctc tgcagtactg cgtggtcaac atcctctctg tcaattccgc 240
catcgtggtc atcacttcag gcatcgagc catcgtgttg tcacgctacc tccctagcac 300
ccccctgcgc tggacagtgt ttagctcgag cgtggcctgt gctctccttt ctctgacctg 360
tgccctcggc ctcttggcct ccacgcccac gacctttgcc accn 404

<210> 3121
<211> 372
<212> DNA
<213> Homo sapien

<400> 3121
tctacggctg cgagaagacg acagaagggt acggctgcga gaagacgaca gaagggtacg 60
gctgcgagaa gaccacagaa gggtagggct gcgagaagac gacagaagggt tacggctgcg 120
agaagacgac agaagggtac ggctgcgaga agacgacaga agggctgcag cagaggagtt 180
gggagatcag tctcaaattc atgtccctga ctaactaaaa ttgaagggtt atatagcaga 240
aaaggaatgt agctatgtgc aggaaaacag caattagaga ggggtaagga agaggagttg 300
tcaataggaa gcagggtggc ccttagttaa ccaataatta cagcaggtaa agaaacaatc 360
acgatgaatg ag 372

<210> 3122
<211> 387

<212> DNA
<213> Homo sapien

<400> 3122
cgttgctgtc gcattggctt tgcttgaatt tttgcttggt tggtagtggt aattagaatg 60
aatagggtttt aaggccattt atgggtggctc atacctataa tcccagcact ttgggaggcc 120
aaggcgaaag aatcagttga aaccaggagc tcaagaccag cctggacaac atagcgagac 180
ccccgcctct ataatttttt ttttttttta aattatccaa gtggggcggc acacccttt 240
agtcctatct actctggaag ctgaccagga ggatggcttg accccaggag ggcaaggatc 300
cagggagcta tgattgcccc actgctttcc accctgggtg acagagaagg accctgtgtt 360
aaacaaaaaa aaaaaaggcc cgggacc 387

<210> 3123
<211> 342
<212> DNA
<213> Homo sapien

<400> 3123
tacggctgcg agaagacgac agaaggggtac ggctgcgaga agacgacaga aggggtacggc 60
tgcgagaaga cgacagaagg gcttctgata gcattggcta ttataagaaa caagtatttg 120
ctctcgtttt taacgggata ataatgctat gtctacataa aatgatttct gccaccttaa 180
atagctcact gtagaaattc atgtataaat ggaaccatat agtacatata tatactctta 240
ggctctggcaa atatttgagg ttcattcata ttttatattc actcatcagt agttgtaaac 300
acattcttaa agtagcattt tcagttatga ataagcaagg at 342

<210> 3124
<211> 338
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 3124
tacggctgcg agaagacgac agaaggggtac ggctgcgaga agacgacaga aggggtacggc 60
tgcgagaaga ctacagaagg gtacggctgc gagaagacga cagaagggtta cggctgagag 120
aagacgacag aaggggcttc acgacttatg gcatgtctta tttaaaaaaa aaaaaggact 180
aggggcaaatt aacattttga ggggggtattt aattaaaaat ccatgcaggg acagctgagt 240
tcgggtttta tgttgggcta atacttctta aaattattta gaacaggact ggctagaaaa 300
actttctgcg atgatgcaag ggttctatgt ctatgctn 338

<210> 3125
<211> 393
<212> DNA
<213> Homo sapien

<400> 3125
cttttaggaac gagtttctgc ctgtgcactg aagaatttgc ctccaaagac atgacgccac 60
tgaagccagc agaaatgcag gaagccaacc taacaagcat ggggcttttt atgaagagga 120

tagacattgc	gggcctaggc	cactgtgact	tcatgaacag	accagcacca	gaaagtttga	180
tgcaggcatt	ggaagactta	gattatctgg	cagcactgga	taatgatgga	aatctttctg	240
aatttggaat	catcatgtca	gagtttcctc	ttgatccaca	actctcgaag	tctatcttag	300
cgctctgtga	atgtgactgt	gtagatgaag	tgctaacaat	cgcagccatg	gtaacagctc	360
caaattgctt	ttcacatgtg	ccacatggag	ctg			393

<210> 3126

<211> 325

<212> DNA

<213> Homo sapien

<400> 3126

tctacggctg	cgagaagacg	acagaagggg	acggctgcga	gaagaccaca	gaaggggtacg	60
gctgcgagaa	gacgacagaa	gggtacggct	gcgagaagac	gacagaaggg	tacggctgcg	120
agaagacgac	agaaggggac	ccagaattat	ctgggtcaat	aaaaataatt	ggcctattct	180
tctataattg	ttggggctaa	aatgacccaa	taaattagtt	cacttcagta	acctaaactc	240
aagcattcct	atgtgccttg	ctctctttct	tgctcttgaa	tcttatacat	gagtatatgc	300
tttaaattgga	caatagcata	ttatc				325

<210> 3127

<211> 325

<212> DNA

<213> Homo sapien

<400> 3127

taccgctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agactacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaagggta	cggctgcgag	120
aagaccacag	aaggggtacg	ctgcgagaag	acgacagaag	ggtacggctg	cgagaagacg	180
acagaagggg	acggctgcga	gaagacgaca	gaagggggctc	gcgatagcca	gccgcggctg	240
cccttgcgct	tcccgaagctg	gcgggggtccg	tggtgcggga	tcgagattgc	gggctatggc	300
gcccgaaggtt	tttcgtcagt	actgg				325

<210> 3128

<211> 375

<212> DNA

<213> Homo sapien

<400> 3128

tactgctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacta	cagaagggta	cggctgcgag	120
aatacgacag	aaggggtacg	ctgcgagaag	acgacagaag	ggtacggctg	cgagaagacg	180
acagaagggg	acggctgcga	gaagacgaca	gaaggggtacg	gctgcgagaa	gacgacagaa	240
gggtacggct	gcgagaagac	gacagaaggg	tacggctgcg	agaagacgac	agaaggggtac	300
ggctgcgaga	agacgacaga	aggggtacggc	tgcgagaaga	ctacagaagg	gtacggctgc	360
gagaagacga	cagat					375

<210> 3129

<211> 377

<212> DNA

<213> Homo sapien

<400> 3129

tactgttgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaagggta	cggctgcgat	120
aagacgacag	aaggggtacgg	ctgcgagaag	acgacagaag	ggtacggctg	cgagaagacg	180
acagaaggggt	acggctgcca	gaagacgaca	gaaggggtacg	gctgcgagaa	gacgacagaa	240
gggtacggct	gctataagac	gacagatggg	tacggctgcg	agaagacgac	tgaaggggtac	300
ggctgcgaga	agacgacaga	atgggtacggc	tgcgataaga	cgactgacgg	gtacggctgc	360
gagaagacta	cagaagg					377

<210> 3130

<211> 337

<212> DNA

<213> Homo sapien

<400> 3130

ttacggctgc	gagaagacga	cagaagggta	cggctgcgag	aagaccacag	aaggggtacgg	60
ctgcgagaag	acgacagaag	ggtacggctg	cgagaagacg	acagaaggggt	acggctgcca	120
gaagacgaca	gaaggggtacg	gctgcgagaa	gacgacagaa	gggtacggct	gcgagaagac	180
gacagaaggg	tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agaccacaga	240
aggggtacggc	tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	ctgaagggta	300
cggctgcgag	aagacgacag	aaggggtacgg	ctgcgag			337

<210> 3131

<211> 336

<212> DNA

<213> Homo sapien

<400> 3131

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaagggta	cggctgcgag	120
aacacgacag	aaggggtacgg	ctgcgagaag	acgacagaag	ggtacggctg	cgagaagacg	180
acagaaggggt	acggctgcca	gaagacgaca	gaaggggtacg	gctgcgagaa	gacgacagaa	240
gggtacggct	gcgagaagac	gacagaaggg	tacggctgcg	agaagacgac	agaaggggtac	300
ggctgcgaga	agacgacaga	aggggtacggc	tgcgag			336

<210> 3132

<211> 379

<212> DNA

<213> Homo sapien

<400> 3132

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaagggta	cggctgcgag	120
aagacgacag	aaggggtacgg	ctgcgagaag	acgacagaag	ggtacggctg	cgagaagacg	180
acagaaggggt	acggctgcca	gaagacgaca	gaaggggtacg	gctgcgagaa	gacgacagaa	240
gggtacggct	gcgagaagac	gacagaaggg	tacggctgcg	agaagacgac	agaaggggtac	300
ggctgcgaga	agacgacaga	aggggtacggc	tgcgagaaga	cgacagaagg	gtacggctgc	360
gagaagacga	cagaaggggt					379

<210> 3133

<211> 338

<212> DNA
<213> Homo sapien

<400> 3133
tacggctgcg agaagacgac agaaggggtac ggctgcgaga agacgacaga aggggtacggc 60
tgcgagaaga cgacagaagg gtacggctgc gagaagacga cagaagggtta cggctgcgag 120
aagacgacag aagggtacgg ctgcgagaag acgacagaag ggtacggctg cgagaagacg 180
acagaaggggt acggctgcgga gaagacgaca gaagggattc aaaccaaagg caaagaagtt 240
gaaaactttg aaaaaaattt agaggaatgt ataactagaa taaccaatac agagaagtgc 300
ttaaaggagc tgatggagct gaaaaccaag gctcgaga 338

<210> 3134
<211> 334
<212> DNA
<213> Homo sapien

<400> 3134
tacggctgcg agaagacgac agaaggggtac ggctgcgaga agacgacaga aggggtacggc 60
tgcgagaaga cgacagaagg gtacggctgc gagaacacga cagaagggtc ttaatgggtg 120
gacttgacga aaccgtggcc atttttcatc acagcctttc ctatactgtg tgacctcaag 180
aacttcctgc tttaggatgc ccagttaata atatgggtatc tgtgggatgg agtgaactct 240
ttaacaaata tttaccaaact attactttg agcaagacac tgtgcttggg gatggttgag 300
taccgagaag ttgcaactgg tggttcattc tctg 334

<210> 3135
<211> 344
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1) ... (344)
<223> n = A,T,C or G

<400> 3135
gcctacggct gcgagaagac gacagaagggt tacggctgcg agaagacgac agaaggggtac 60
ggctgcgaga agacgacaga aggggtacggc tcgagaaga cgacagaagg gtttagcttt 120
ttaattatgc taaatgacac atataattat tctttaatat ggaaatatgg tatgtagaat 180
ttcatcatta tgaaatttat atatcaagga agtaataaat atgcccagca gatattccct 240
aaaaattcta taccatttta gaggggtttct ttctttgctt tcaccatgat gttcttccta 300
aattatcaat aacacatata ttaactatag tttttcatta tccn 344

<210> 3136
<211> 353
<212> DNA
<213> Homo sapien

<400> 3136
tacggctgcg agaagacgac agaaggggtac ggctgcgaga agacgacaga aggggtacggc 60
tcgagaaga cgacagaagg gtacggctgc gagaagacga cagaagggtc aaagccaaga 120
tcgtgccact gcactccagc ctgggcaaca gaaggagact ccgtctcaa aaaaaaaaaa 180

gaggggggct	ttttaagggg	aaaaataatt	cccttttttt	ttcataggcg	ggaggggcaa	240
actttgccac	aaagtattta	aatacctttt	accttggttc	aaaaaatctt	taggggacat	300
aaaaccgttt	ttgggcgggg	gggttcccc	cgtgaacca	accttttggg	ggg	353

<210> 3137
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 3137						
tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaagggta	cggctgcgag	120
aagacgacag	aaggggaccc	agaattatct	gggtcaataa	aaataattgg	cctattcttc	180
tataattggt	ggtgctaaaa	tgaccaaata	aattagttca	cttcagtaac	ctaaactcaa	240
gcattcctat	gtgccttgct	ctctttcttg	cctctgaatc	ttatacatga	gtatatgctt	300
taaatggaca	atagcatatt	atagatcctg	agaaatcctg	tgtaagtaa	tccttgagat	360
tttgcttaac	caagtatttc	tctg				384

<210> 3138
 <211> 403
 <212> DNA
 <213> Homo sapien

<400> 3138						
ttacgagccc	agtgcgactc	ccaatacatt	gttgagtccc	agcacgaggt	ctactgagga	60
cctggcaggc	tcgcaggcca	ccctgagcca	gaggtccaca	cctgggtcta	ccccgagccg	120
gtggccgtca	cccttaccce	caggcatgcc	atctcctgag	gatctgcggg	tggtgctgat	180
gccttgggtg	ccgtggcact	gccactggaa	gtcagggcac	catgagacgg	agccgggtctg	240
ggaagctgca	cggcctttcc	gggcgccttc	gagttggggc	gctgatccag	ctccgaacgg	300
agcacaagcc	ttgcacctat	caacaatgtc	cctgcaaccg	acttcgggaa	gagtgccccc	360
tggacacaag	tctctgtact	gacaccaact	gtgcctctca	gag		403

<210> 3139
 <211> 335
 <212> DNA
 <213> Homo sapien

<400> 3139						
tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaagggta	cggctgcgag	120
aagacgacag	aaggggtacg	ctgcgagaag	acgacagaag	gggtctaggg	ccaccaaaga	180
gaggttaatc	agataaagac	agaaagtccc	ctgtgtgttt	tagccattag	aaagtcttgg	240
ggatcttggg	tgagaccagt	ttcaatgtcg	aggtggcgga	ggtagagtcc	agacaagccc	300
tcggggcatt	gtggctgggg	gagagggaaa	atgat			335

<210> 3140
 <211> 350
 <212> DNA
 <213> Homo sapien

<400> 3140

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaagggta	cggctgcgaa	120
gacgacagaa	gggtacggct	gcgagaagac	gacagaagg	tacggctgcg	agaagacgac	180
agaaggggtac	ggctgcgaga	agacgacaga	aggatacggc	tgcgagaaga	cgacagaagg	240
gtactgctgc	gagaagacca	cagaagggta	cggctgcgag	aagactacag	aaggggtacgg	300
ctgcgagaag	accacagaag	gataccgctg	cgagaagacc	acagaaggggt		350

<210> 3141

<211> 371

<212> DNA

<213> Homo sapien

<400> 3141

tacggttggt	agaagaccac	agaaggggtac	ggctgcgaga	agactacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaagggta	cggctgcgag	120
aagacgacag	aaggggtacgg	ctgcgagaag	acgacagaag	ggtagggctg	cgagaagacc	180
acagaagggg	atccttgcat	ctgttactta	gggtcaaggc	ttgggtcttg	ccccgcagac	240
ccttgggact	acccggcccc	agcgcagcta	tgaacctgga	gcgagtgtcc	aatgaggaga	300
aattgaacct	gtgccggaag	tactacctgg	gggggtttgc	tttctgct	tttctctggg	360
tggcaacatc	t					371

<210> 3142

<211> 370

<212> DNA

<213> Homo sapien

<400> 3142

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gcccggctgc	aaaacgacaa	tccatcggtg	cggctgcgag	120
aagacaacag	aaggggtg	ctgctttaag	acgacacaag	ggtagggctg	ccatatgacg	180
actgaaggg	accgtgcta	taagacgaca	gaaggggtacg	gctgcttta	gacaactgaa	240
gggtactgct	gttttttgac	cacctaatgg	tacggctgcg	agaagacaac	acaacgggtac	300
ggctgctttt	ttactacaca	agggcacggg	tgcgagaaga	cgattaaggg	tacggctgcg	360
ataagacgag						370

<210> 3143

<211> 377

<212> DNA

<213> Homo sapien

<400> 3143

tacggctgcg	agattacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgctagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaagggta	cggctgcgag	120
aagacgacag	aaggggtacgg	ctgcgagaag	acgacagaag	ggtagggctg	cgagaagacg	180
acagaaggg	acggctg	gaagacgaca	gaaggggttg	aagcagaaat	gctctgatgg	240
ccttgaagat	tgcctttgt	attagtcagg	attctccagg	gtaggatata	tgtaaataatg	300
tagaaaagaa	tgtattatga	aggactggct	tatacaacta	tggaagcctg	gacatccac	360
gatctactgt	ctgcaag					377

<210> 3144

<211> 357

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 3144
tactgctgcg agaagacgac agaaggggtac ggctgctaga agacgacaga ggggtacggc 60
tgcgagaaga cgacagaagg gtacggctgc gagaagacga cagaagggtta cggctgcgag 120
aagacgacag aagggtacgg ctgcgagaag acgacagaag ggtacggctg cgagaagacg 180
acagaagggt acggctgcga gaagacgaca gaaggggtctg tgcataatgga gaccttccta 240
ttcctagaat gtgagggctg gggcccaaag caagtcccaa atgcagcagc ttttctcttg 300
gtttaatccc ttaagacttt cttacctctg tagntaccaa atgggacat atatttt 357

<210> 3145
<211> 447
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

<400> 3145
gagtcagcta gcttgttgtt tgggcctaag cgggctacgg ctgacagatg acaacagacg 60
ggtacgggtg cgagaagacg acagaagggt acggctgcga gaagacgaca gatgggtacg 120
gctgcgagaa gacgacagaa ggggtacggct gcgagaagac gacagaaggg tacggctgcg 180
agaagacgac agaaggggtac ggctgcgaga agacgacaga agggaggaag gcttttggcc 240
tgagctgctg agaggatgga ttccgggttc agcagtgact tgggccagag cagaggcaga 300
gagacaagtt aggaagctcc tccagtcac cactgagag acgcgggtgg cttggtccgg 360
gactggagct gcagaagtat gagggatggt cagactggat atttctgaag gcagggtgcg 420
tgtancagct gtggtccgga ggagtgn 447

<210> 3146
<211> 344
<212> DNA
<213> Homo sapien

<400> 3146
tacggctgcg agaagacgac agaaggggtac ggctgcgaga agacgacaga aggggtacggc 60
tgcgagaaga cgacagaagg gtacggctgc gagaagatga cagaagggtta cggctgcgag 120
aagacgacag aagggtacgg ctgcgagaag acgacagaag ggtacggctg cgagaagacg 180
acagaagggt acggctgcga gaagacgaca gaaggggtacg gctgcgagaa gacgacagaa 240
gggtacggct gcgagaagac gacagaaggg ggtttttttt tcttgctgca gcaacgcgag 300
tgggagcacc aggatctcgg gctcggaacg agactgcacg gatt 344

<210> 3147
<211> 375

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(375)
<223> n = A,T,C or G

<400> 3147
tacggctgcg agaagacgac agaaggggtac ggctgcgaga agacgacaga aggggtacggc 60
tgcgagaaga cgacagaagg gtacggctgc gagaagacga cagaagggta cggctgcgag 120
aagagacaga aggggtacggc tgcgagaaga ccacagaagg gtacggctgc gagaagacca 180
cagaagggta cggctgcgag aagaccacag aaggggtacgg ctgcgagaag acgacagaag 240
ggtacggctg cgagaagaca acagaaggggt acggctgcca gaagacaaca gaaggggtacg 300
gctgcgagaa gacgacagaa ggggtacggct gcgagaagac nacagaaggg tccgtcagtc 360
catctccaaa gccct 375

<210> 3148
<211> 373
<212> DNA
<213> Homo sapien

<400> 3148
tacggctgcg agaagacgac agaagggtac ggctgcgaga aggcgacaga aggggtacggc 60
tgcgagaaga cgacagaagg gtacggctgc gagaagacga cagaagggta cggctgcgag 120
aagacgacag aaggggtacgg ctgcgagaag acgacagaag gatacggctg cgagaaggcg 180
acagaaggggt acggctgcca gaagacgaca gaaggggtacg gctgcgagaa gacgacagaa 240
gggtacggct gcgagaagac gacagaaggg tacggctgcg agaagacgac agaagggcga 300
ttcctgggat ttgaccatgc tcccttctcc tccattcggg gggaaaagtg tgaaatgaag 360
ctacatggac ctc 373

<210> 3149
<211> 374
<212> DNA
<213> Homo sapien

<400> 3149
tacggctgcg aggacgacag aaggggtacgg ctgcgagaag acgacagaag ggtacggctg 60
cgagaagacg acagaaggggt acggctgcca gaagacgaca gaaggggtacg gctgcgagaa 120
gacgacagaa ggggtacggct gcgagaagac gacagaaggg tacggctgcg agaagacgac 180
agaaggggtac ggctgcgaga agacgacaga aggggtacggc tgcgagaaga cgacagaagg 240
gtacggctgc gagaagacga cagaagggta cggctgcgag aagacgacag aaggggtacgg 300
ctgcgagaag acgacagaag ggtacggctg cgagaagacg accgaagggga accggctgca 360
tatctatgac atag 374

<210> 3150
<211> 372
<212> DNA
<213> Homo sapien

<400> 3150

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaagggta	cggctgcgag	120
aagacgacag	aaggggtacgg	ctgcgagaag	acgacagaag	ggtacggctg	cgagaagacg	180
acagaaggggt	acggctgcgga	gaagacgaca	gaaggggtacg	gctgcgagaa	gacgacagaa	240
gggtacggct	gcgagaagac	gacagaaggg	tacggctgcg	agaagacgac	agaagggcac	300
ggctgcgaga	agacgacaga	gggtacggct	gcgagaagac	gacagaggggt	acggctgcgga	360
gaagacgaca	ga					372

<210> 3151
 <211> 381
 <212> DNA
 <213> Homo sapien

<400> 3151	
tacggttgcg	atatgactac
aggaggggtac	ggctgcgaga
agacgacaga	aggggtacggg
60	
tgcgagttga	cgacagaagg
gtacggctgc	gagaagacga
cagaagggta	cggctgcgag
120	
aagacgacag	aaggggtacgg
ctgcgagaag	acgacagaag
ggtacggctg	cgagaagacg
180	
acagaaggggt	acggctgcgga
gaagacgaca	gaaggggtacg
gctgcgagaa	gacgacagaa
240	
gggtacggct	gcgagaagac
gacagaaggg	tacggctgcg
gaagacgaca	gaaggggtacg
300	
gctgcgagaa	gacgacagaa
gggtacggct	gcgagaagac
gacagaaggg	tacggctgcg
360	
agaagacgac	agaaggggga
g	
381	

<210> 3152
 <211> 395
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 3152	
ggcntncccc	gcatcggcct
acggctgcta	gaagtcgaca
gaaggggtacg	gctgcgagaa
60	
gacgacggaa	gggtacggct
gtgagaagac	gacagaaggg
tacggctgcg	agaagacgac
120	
agaaggggtac	ggctgcgaga
agacgacaga	aggggtacggc
tgcgagaaga	cgacagaagg
180	
gtacggctgc	gagaagacga
cagaagggta	cggctgcgag
aagacgacag	aaggggtacgg
240	
ctgctagaag	acgacagaag
ggtacggctg	cgagaagacg
acagaaggggt	acggctgcgga
300	
gaagacgaca	gaaggggtacg
gctgcgagaa	gacgacagaa
gggtacggct	gcgagaagac
360	
gacagaaggg	tacggctgcg
agaagacgac	agaag
395	

<210> 3153
 <211> 374
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 3153

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaagggta	cggctgcgag	120
aagacgacag	aaggggtacgg	ctgcgagaag	acgacagaag	ggtacggctg	cgagaagacg	180
acagaagggg	acggctgcg	gaagacgaca	gaaggggtacg	gctgcgagaa	gacgacagaa	240
gggtacggct	gcgagaagac	gacagaaggg	tacggctgcg	agaagacgac	agaaggtgga	300
taactgtggt	aattctagag	ctaatacatg	ccgacgggcg	ctgaccnct	tcgcgggggg	360
gatgctgca	ttaa					374

<210> 3154

<211> 375

<212> DNA

<213> Homo sapien

<400> 3154

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	ggagtatgct	gggtgagaga	atgcaagagg	gaaacaatca	120
gcctgcgag	ctaacagacc	agcttataca	gggctgtgt	gtgaagtgg	agagttcgga	180
gttttctctg	aatttcaatg	agggagaagg	aaggtagcat	taaaggctat	taaccaataa	240
gacaccaaga	ttcaatttat	gttttagatc	attctggaag	tgctatgtag	agcaagttag	300
aggagagcca	gactagcagc	agagacttcc	cagcagagtt	gggaaagtgc	tacagtaatc	360
ttggtgagaa	atggt					375

<210> 3155

<211> 410

<212> DNA

<213> Homo sapien

<400> 3155

ggcacgaggc	tcacagaggc	agccacgagg	ctctacacca	agtattatat	aaaagccatt	60
aaatttgaat	gcccttggac	aagcttttct	taaaaaaaaa	aaaggtgaat	atacttgta	120
aaaattttta	ttaaaatcca	aatttttttg	gtgaagcccc	aggcagcatg	tggggccatg	180
caccatttat	acttaatat	tggggagggg	aaaggggaat	tttcaaggta	tatatatttt	240
atccctgcct	atatttagaa	atatgccttt	acctttaaca	aggctaaaat	tgctcggtgg	300
attatttcac	aaaatacgct	agggggaggc	agtaatacta	tgtaagcta	ttaatagatg	360
ctaaaagtct	ccaagcacag	ggcatatttt	atacggctct	tttcaaatg		410

<210> 3156

<211> 376

<212> DNA

<213> Homo sapien

<400> 3156

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	aggggtacggc	60
tgcgagaaga	cgacagaagg	gtagtaaggg	gaagctggaa	gactcagcca	gtctagcctt	120
tccacattcc	attagcagct	gattagatgg	gcccacccag	actgaggggtg	gtctacctcc	180
ccagtccact	gactcaaatg	ttaactcctt	tggaacacc	ctcatataca	caccaggaa	240
caatactttg	catccttcaa	tccaatcaag	ttgatactca	gtattaacat	ttcgaggcta	300
caccctagac	caaacctacg	ccaaaatcca	tttactatc	atattcatcg	gcgtaaatct	360
aactttcttc	ccacaa					376

<210> 3157
 <211> 411
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 3157
 gcgttgggag ccaggtgtcg tgccggacgt gcttggagca gcggctgcag ggcgaggtgg 60
 tagccgttga ctaccaatcc aaaatgctgg ctttaaaatg tccctcttcc agtggaaagc 120
 ccaaccatgc agacatcttg ctcataaact tacagtatgt ttcagaagtg gaaataatta 180
 atgaccgaac agaaaccctt cctcccctag cttcactcaa tgtagtaag cttgccagca 240
 aagcacggac agagaaggag gagaagctga gccaggccta tgcaatcagt gctggtgtct 300
 ctctagaggg ccagcagctc ttccagacca ttcacaagac cattaagac tgtaaattggc 360
 aagaaaaaaa catcgtagtc atgggagaag ttgttattac acccccatat n 411

<210> 3158
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 3158
 cgttgctgtc ggccgccgcc gccgcgttgg cctcgccgcc cctgctcgga caccatgcca 60
 caaggagagt gatctcttcc cctgttttca caatggagga ctccggaaag actttcagct 120
 ccgaggagga agaagctaac tattggaaag atctggcgat gacctacaaa cagagggcag 180
 aaaatacgca agaggaactc cgagaattcc aggaggggaag ccgagaatat gaagctgaat 240
 tggagacgca gctgcaacaa attgaaacca ggaacagaga cctcctgtcc gaaaataacc 300
 gccttcgcat ggagctggaa accatcaagg agaagtttga agtgcagcac tctgaaggct 360
 accggcagat ctcagccttg gagg 384

<210> 3159
 <211> 439
 <212> DNA
 <213> Homo sapien

<400> 3159
 gcggatccca tcgattcaat tccgacgagc cggcgagcag tccgctacgg tttctccagc 60
 ctttctttga gacggggacc aggggatggc agccatgcac ctgacagcct ggccccagga 120
 acctattgtt tcagaagtcg gtgacctttg aggacgtggc tgtgtacttc acccaggcgg 180
 aatgggatgg cctgtcccct gcacagagga ccctgtacag ggatgtgatg ctggagaatt 240
 atgggaatgt ggctccctg ggatttcac ttctcaaacc tgctgtgatc tcacaactgg 300
 agggaggaag tgagctgggg ggctcatctc cactggctgc aggaacaggc ctccaggggc 360
 tccagactgt agatattcag actgacaatg atttgacaaa ggaaatgtat gaaggaaaag 420
 agaatgtatc atttgaacg 439

<210> 3160
 <211> 373
 <212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(373)

<223> n = A,T,C or G

<400> 3160

tacggctg	cg	agaagacgac	agaaggggtac	ggctg	cg	gaga	agacgacaga	aggg	tacggc	60
tgcgaga	aaga	cgacagaagg	gtacggctgc	gagaagacga	cagaagg	gta	cg	gctg	cg	120
aagacgacag	aaggg	tacgg	ctg	cg	gaga	aag	acgacaga	aag	gg	180
acagaagg	ggg	actcctgctc	agcatggctg	ctttagg	gac	tgttctcttc	acagg	gtcc		240
ggaggctgca	ctgcagc	gta	gccgcttggg	cgggcg	gcca	gtggcg	acta	cagcag	gggac	300
tggctg	ccaa	cccctccggc	tacggggccc	ttaccgagct	cccagactgg	gcatatg	cg			360
atggccgccc	tgn									373

<210> 3161

<211> 369

<212> DNA

<213> Homo sapien

<400> 3161

tacggctg	cg	agaagacgac	agaaggggtac	ggctg	cg	gagg	agacgactga	aggg	tacggc	60
tgcgaga	aaga	cgacagaagg	gtacggctgc	gagaagacga	cagaagg	gta	cg	gctg	cg	120
aagacgacag	aaggg	tacgg	ctg	cg	gaga	aag	acgacaga	aag	gg	180
acagaagg	ggt	acggctg	cg	gaagacgaca	gaagggtacg	gctg	cg	gagaa	gacgacagaa	240
gggtacgcct	gcgagcagac	gacagaaagg	ggagcctcat	ctgcaatgta	ggggccggcg					300
gacctgctcc	agcagctggt	gctgcaccag	caggaggtcc	tgccccctcc	actgctgctg					360
ctccagctg										369

<210> 3162

<211> 421

<212> DNA

<213> Homo sapien

<400> 3162

ggcacgagga	gagagagaga	gatctagttt	cgagagcagg	cttttttttt	tttttttttt					60
aacctcggca	aaaaattttt	ttgaaaaaac	cccccttaat	tggctactgg	gggatttaat					120
tcccgggatt	tttgggacgc	ccttggcttg	aaagggggaa	aagtttaaat	ttatggaacc					180
aaacctgggg	cctattttgga	aaatcaggcc	cttggggcaa	aacagaaaaa	atctttttgcc					240
ccccaggatc	cgggattccc	tgggggaaaa	aaaatcaggg	aaaaaaaccc	cccccttcag					300
ggaaggtctt	tgtacaaaag	ggaaagggtt	aaaaaaaagg	gcgggggaaa	aaaaaacgga					360
ggagggacga	ggttttcagga	aaatgccagg	gaagggaagg	cccctggaaa	aaaccttttt					420
a										421

<210> 3163

<211> 398

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 3163

ggagaaaggt	gggcatagta	caacccccag	gactgtgcct	tccccaggac	accctcatcc	60
ccccagtc	ggatatcttg	ctgactgggt	cacccttctt	cacaggacac	acacacagg	120
ccatgaaaac	ggccttcttc	aaagatccca	cggctcgggc	ctcccttccg	gggccacctt	180
gcccagtggt	cgggggcttt	ccttcccaga	agcctgtgag	gtccggggta	ccccactctc	240
aggaacccca	aggtcagggc	accgtctacc	ctggctcagc	tcgtcaccca	ccgtctgaag	300
ccccttctct	caccaaagg	tcggagctgg	cggngggctg	agggtgttcac	gaacagtccc	360
agcccctggg	gctgcatgtc	cagttctgtg	cggcatga			398

<210> 3164

<211> 396

<212> DNA

<213> Homo sapien

<400> 3164

gaccactgct	gccattcatg	tgcaccatac	tatacactgc	aggattcccc	tggtgggcaa	60
actgctgctg	ggaaaaggag	ctgtaagtaa	acaaatggta	atattacctc	tggaagtcac	120
tttagcgaca	aagggcatgc	ccacagaaat	tactacaatt	gtgtcaaaaca	ttgtataact	180
taagctggga	atgttagaga	aaactccctg	acagcctgtg	atccattttt	cacagctttc	240
tgtactagac	accctaatag	atatgtgcgt	gcttgaagga	ctctcaaaaat	ggacaagcca	300
aatcacacct	tctaataatga	acccagtcct	ttcaacctct	ccatccaaaa	aggcttgact	360
gaaaaataca	ttaagttctt	ggacttctgg	gactag			396

<210> 3165

<211> 408

<212> DNA

<213> Homo sapien

<400> 3165

ggcacgaggt	gatccaccac	ctcggcctcc	caaagtgttg	agatgacagg	cacgagccac	60
caggcccagc	ctgagtggta	ttttctttag	ggaccaggta	gactttaaaa	cgagggttaag	120
agaaaagcca	gtgtctttct	gaggtaaata	atttctgcca	ggaaacttcc	cagccccacc	180
agcagccacc	ctaaaaaaaa	tcactcgtgt	ccccagggac	ttctaaagct	tggggctcca	240
ggaaatcatc	cagtagagtt	ggagattcag	agatttcttg	aagccaggga	catgctccta	300
actcctttcc	cattaaagg	gttagaatag	accagagggt	gtcccttttc	cacagtaatg	360
ggatcggctg	gtgtgccttc	agggaggaag	agggaggtgg	tcaagctt		408

<210> 3166

<211> 457

<212> DNA

<213> Homo sapien

<400> 3166

tgtaggatcc	catcgactcg	aattccgttg	ctgtcgacct	gcttctgggt	cggtgttttg	60
tacgtagcac	agcaactccc	tcgctgcgat	ctattgaaag	tcagccctcg	acacaagggt	120
ttgtccgaca	gcaacggtgg	aataatatat	accatgctta	cgtagtcaa	gagaaagcta	180
gagtagaaat	actaatatca	ggcaaagcat	atttcagagt	taaacacaac	atttttccac	240

tatttgcagt	caaaagtatc	gagaacactc	tctttactct	gctcaaagtt	acagagttct	300
tttgtataaa	cattagaaca	cttatcacag	cctgccaaata	atggagaata	attccatggt	360
gtatactata	caacactctt	actaaagtcc	attagacaga	aatatgtagc	atttgagaca	420
ccttccaatt	ataaaaactct	atgcagacaa	aaattaa			457

<210> 3167

<211> 397

<212> DNA

<213> Homo sapien

<400> 3167

gctgctcttg	acctctgctc	tgcggtctgtt	ttccattgga	gtagaggctc	ctcctgtcct	60
gtcctgcctg	tggaggggaag	caaaccttcc	cctggaccag	agagaggaga	aagcggagac	120
aggtagcaac	gctgtggact	ggtgatgaca	ggctcttcag	ctccctgcaa	gtgaccgggc	180
ctgggggaaca	gggcatggca	caggcacaca	ggacccccca	gcccagggtc	gccccagcc	240
agccccgtgt	gttcaagctg	gttctcctgg	gaagtggctc	cgtgggtaag	tccagcttgg	300
ctcttcggta	cgtgaagaac	gacttcaaga	gtatcctgcc	tacggtgggc	tgtgcgttct	360
tcacaaaggt	ggtggatgtg	ggtgccacct	ctctgag			397

<210> 3168

<211> 334

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(334)

<223> n = A,T,C or G

<400> 3168

tacggctgcg	agaagacgac	agaaggggtgg	gcttgacatg	atatttatta	tgttatgata	60
tattcctttt	atacttaatt	tgttgagagt	tgctttttta	ttatgaaagg	ttatgaactt	120
gttttattat	tagttttgtc	aaaggctctt	tctacatcta	ttcaactgat	catatgattt	180
tatctttcat	tttgttaatg	tgctatatca	tttttataaa	tttgcatatg	ttgaaacagt	240
cttgcatatc	agagataaat	cccatttgat	catggngtat	gaccccttta	atgtgctggt	300
aaattcagct	tgataaatatt	ttgttaacaa	tttg			334

<210> 3169

<211> 387

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(387)

<223> n = A,T,C or G

<400> 3169

ggcacgaggc	gccgtctccc	aggagcagct	gcgcaaactg	caggaacggg	tggaacgctg	60
tgccaaggag	gccgagaaga	caaaagctca	gtatgagcag	acgctggcag	agctgcatcg	120
ctacactcca	cgctacatgg	aggacatgga	acaggccttt	gagacctgcc	aggccgccga	180

gcgccagcgg	cttcttttct	tcaaggatat	gctgctcacc	ttacaccagc	acctggacct	240
ttccagcagt	gagaagttcc	atgaactcca	ccgtgacttg	caccagggca	ttgaggcagc	300
cagtgcgaa	aaggatctgc	gctggtggcg	cagcaccac	gggccaggca	tggccatgaa	360
ctggccacag	ttcgaggagt	ggtcctn				387

<210> 3170

<211> 408

<212> DNA

<213> Homo sapien

<400> 3170

ggcacgaggt	ttgcttagct	gtcaacaaaa	agaaaacctg	aaggagcatt	tggaagtcaa	60
tttgaggggt	ttttttttgt	tttttttttt	tgggaggggg	gaacggcccc	caaaaggggg	120
gggggggcaa	aattttttaag	aaaaaagaac	cttcccgggt	ttttttttaa	gcccacaagg	180
ggctgggttt	ttccaccgg	cggtttta	tttaaaaaaa	tttaaaaaaa	caaaacaaag	240
gggggttttt	ctaatttggg	gaggaacccc	cccttggtcc	aaaagaaaaa	ggcgttaaaa	300
aagaattcca	aaaggaaaac	cttggggggg	gcccacggg	ccccgtgcc	aataaacttt	360
tttctgggga	acgggagggg	gagaacctcc	cccccttcc	caaggcgc		408

<210> 3171

<211> 405

<212> DNA

<213> Homo sapien

<400> 3171

attcgaattc	cgttgctgtc	ggttgttttg	ttttgttttt	agagacaggg	tcttgctctg	60
tcaccagac	tggagtacaa	tgacacaatc	atagctcact	gcagccttta	actactgggc	120
tcaagacatc	ctcctgcttc	agcctccaga	gagttgggac	cataggtgca	caccaccaca	180
cctagcta	ttttggggga	ggtcctgcta	tgttgccag	gctggctctg	aactcctggg	240
ctcatgcaat	cctcctgcct	tggcctccca	aagcgctagg	attagagggtg	tgagccgctg	300
caccctgccc	cagtacaatc	ttttttgaac	tcaaattttt	gctgacatct	gagtgcacac	360
accacagtgt	aaattatgcc	ttatcagaat	ctaaatgaaa	atagg		405

<210> 3172

<211> 400

<212> DNA

<213> Homo sapien

<400> 3172

cgttgctgtc	gacgacctgc	ttctgggtct	gggtttcgta	cgtagcagag	cagctccctc	60
gctgcgatct	attgaaagac	agccctcgac	acaagggttt	ggacactttt	aagaaacaaa	120
gatagttttc	tgaacattct	gtgtcctgcc	tgtctcctgt	tgattcgcag	atgtaatatc	180
gagtattcat	caactggtct	caatttctctg	aacacattca	ctgtatccct	cattgtaacc	240
gttatcccc	tgcttcaaaa	tgtgccagtt	ccacttggt	ataacgttgg	gaaaatgcag	300
gtttatgaat	gatgtggact	tttagaggat	caaatcaata	aattggattt	tttatttttt	360
gagggcagct	gccctcactt	gtttaaataa	agaatcttac			400

<210> 3173

<211> 478

<212> DNA

<213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(478)
 <223> n = A,T,C or G

<400> 3173
 gcaggaatcc ccatcgannt tcgaattccg ggcgctcgtc gagtccatta tatacantgt 60
 gacgtgccag cgtgatcata acttatgagt agcagacatt ggatagcagt attcttttcg 120
 tactaggggtg tggacataac ccgcactcta gtaatgcgat cgccttataa ctgctcctat 180
 tccgcagaga atattgtaga atgcgtatca gcggttatat tgttttctca taatatagcg 240
 agcaaacatt tctagggttag acaaccaacg aattgaatta caattttatg ttgaagaggc 300
 attattaaca tgtgtagagg ggttaagaaa gccaccttgt taaaaatttt ttaatttcca 360
 aaataatcta tattaatatga gggtttctga tctgtacttt gtgttttagct acctttttat 420
 atttaaaaaa ttaaaaatga aaattacgtt cttacaagct taaagcttga tttgatct 478

<210> 3174
 <211> 412
 <212> DNA
 <213> Homo sapien

<400> 3174
 atcgattcga attccggttg tgctcggtga ttctcttcgc ctatcggtga ctgggctttc 60
 cctatggttg ccagggtgct ctcagactcc tgggctcaaa agatcctcat cttctcaagt 120
 ggctgaatat acacgctcca gcgaccatgc ctggctgaat gaagagcttt gagattttga 180
 agaaacagga accatgaaat ttgctttgca actgtttgca acctttaagg aagactgaaa 240
 aggcattcct gaagcatgtg ctttcagccg ctacaagagc agaagcagtg ggcattggat 300
 ggagctgagt acaggaccat acaggcta at tgcaccggca caggaatcgg atataacatt 360
 atctgggtac ccattggccag ctgtgacttc tccatccgca cctacaccta tg 412

<210> 3175
 <211> 171
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(171)
 <223> n = A,T,C or G

<400> 3175
 taacgcatga ngcatacaca cgggctgtgg actggtgggg gctgggtgtg ctgctctacg 60
 agatgctggt gggtagtgct ccgttcccag gggacacaga ggaagagggtg tttgactgca 120
 tcgcaacatg gacgccccct accccggctt tctgtcgggt caagggttg a 171

<210> 3176
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 3176

ggcacgagct	attgagtgct	attcagaata	ggaacaaggt	tctaatagaa	aaagatggca	60
at ttgaa gta	gctataaaat	tagactaatc	tacattgctt	ttctcctgca	gagtcctaata	120
ccttttatgc	tttgataatt	agcagtttgt	ctacttggtc	actaggaatg	aaactacatg	180
gtaataggct	taacaggtgt	aatagccac	ttactcctga	atctttaagc	at ttgtgcat	240
ttgaaaaatg	cttttcgcga	tcttcctgct	gggattacag	gcatgagcca	ctgtgcctga	300
cctcccatat	gtaaaagtgt	ctaaagggtt	ttttttgggt	ataaaaggaa	aat ttttgct	360
taagtttgaa	ggataggtaa	aatt				384

<210> 3177

<211> 393

<212> DNA

<213> Homo sapien

<400> 3177

cg ttgctgtc	ggcaagatgc	tgctattgaa	gaggtagaga	tggaagattt	tgatgcaa at	60
atcgaagaac	agaaagaaga	aaagaaagat	gccaggaag	aggaaagcga	actgggttac	120
attccgaaaa	gcaaatggga	gatggacaca	tctgaggcaa	agctagacaa	gttggatggc	180
ttgaggactg	gtactaaaag	gaaacgtgac	tgggaggcca	ttgccagcag	aatggaggat	240
tatcttcagc	tccccgatga	ttatgatact	cgtgcttctg	agcctgggaa	gaagagggtc	300
agatgggcag	acctggaaga	gaagaaggat	gcagatagga	aaagggccat	agg ttttgtg	360
gtcggacaga	ctgattgtga	gaagatcaca	gat			393

<210> 3178

<211> 389

<212> DNA

<213> Homo sapien

<400> 3178

cg ttgctgtc	ggtttgagaa	ttccaggctt	ctgcagcctc	caaaagggtgt	tcttctctat	60
gggcctccag	gctgtggtaa	aacgttgatt	gccaaaggcca	cagccaaaga	agcaggctgt	120
cgatttatta	accttcagcc	ttcgacactg	accgataagt	ggtatggaga	atctcagaaa	180
ttggctgtcg	ctgtcttctc	ccttgccata	aagctacaac	catccatcat	ctttatagat	240
gaaatagact	cctttctacg	aaaccgttca	agttctgacc	atgaagctac	agccatgatg	300
aaagctcagt	ttatgagttc	ctgggatgga	ttggatactg	atcacagctg	ccaggtcata	360
gtaatgggag	ctaccaatcg	tcctcagga				389

<210> 3179

<211> 426

<212> DNA

<213> Homo sapien

<400> 3179

ggcacgaggg	cggaggttgc	agtgagccga	gatcatgcca	ttgcactcca	gcctgggtga	60
cagagtgaga	ctctgtctca	aaaaaaaaaa	aaaaaaaaag	ggggttccca	tattttgggg	120
ggtataggaa	tatatggggg	ggggtctatt	tcttttttta	tataaccttc	ccccgggat	180
ttttgggttt	aaaagtcccg	gttaccacca	aaccaaaatg	ggttttttac	ctttggagtt	240
ttttttttgg	tccccctttt	tccttccaaa	gggggaaagc	ccccaataac	cagggctctt	300
aggagggggg	gtttagccaa	acccacccca	gggcaaattt	ttggggggaa	acctgaaagg	360
gggaaaaaat	ttggggccct	tgccttttgt	ccaaccatcc	tgaaaaaaac	ccacttttgt	420
tttaaa						426

<210> 3180
 <211> 383
 <212> DNA
 <213> Homo sapien

<400> 3180
 cgatgctgac ggcccgttgt ccccgagtc cccgacggga gcgccatggc ccagccgccg 60
 cccgacgtgg aggggggacga ctgtctcccc gcgtaccgac acctcttctg tccggacact 120
 gctgcggggac aaagtggcct tcatcacagg aggcggctct gggattgggt tccggattgc 180
 tgagattttc atgcggtgag actgctctgt gtcccttccc tgctcctcgc ttctccctgc 240
 ccggggccctg ctggatgccc gacccctgga aagatgttgg tgggaggtag atgtccctg 300
 ctcacctacc cgacaggatc caggtgcctg ccagagggac tggggagcgg tcgaggattg 360
 ccctggggga gtcaggactt caa 383

<210> 3181
 <211> 372
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 3181
 cgttgctgtc ggagatttgc ttattattgt tgtactgctg ccatttttat tgggtgttga 60
 ttattggaat ggtgcgcata ttgtcactcc ttctacttgc tttaaaaagc agagtttagat 120
 ttttgcacat taaaaaattc agtattaatt aaacattact tattctaccc tcttttttgg 180
 caaggaggac aaatacgcaa tgttggaata ccttggatgg atatcttctc tttaaaaaaa 240
 tgtaaagata atttggtctt gagggtttaa acggttgata atgcctctac aacaacaaga 300
 aaaaagataa aatactagga tagaatcatg gtgggcacag tggcttctca ngaggctgag 360
 gagggagggt tg 372

<210> 3182
 <211> 372
 <212> DNA
 <213> Homo sapien

<400> 3182
 ggcacgagat taacctcaga aatcctgtct ggctggcaga tttcaagtaa aaaaaaaaaa 60
 aggggggggtg ggggggaccc ttttttttct agtggccttt agggaaaaaa aatttaactt 120
 ttttttttgt tgggcccata tttttaagaa aaaatctcca attggtttcc cttttgaacc 180
 gggtaaaggc taatacttgc cacttttaaa ggagggggggg aaaacccccg ggtttttttt 240
 ttaaaggaaa ccccttggtg gggggcgggc cccttaaggg gggggggggg gttttttttc 300
 tggccccttt tggggatata aggggtactt ttgcaaacct tccggggggg tttaatggga 360
 aaccactacc cg 372

<210> 3183
 <211> 389
 <212> DNA
 <213> Homo sapien

<400> 3183

ggcacgaggg	aggatgtcct	caacacccag	tgtggctacc	acgttcggct	caaactggag	60
ctggagcagc	agggcttcat	ccacacccaa	ggctgcgtgg	gccaaactga	gaagaggctg	120
caggacaacc	tgaatgtggt	ggcgggagtc	ttcatgggca	tcgccctcct	ccagatcttt	180
ggcatctgcc	tggcccagaa	ccttgggagt	gacatcaagg	cagtgaaagc	caactggagc	240
aaatggaatg	atgactatga	aaaccactgt	gttacgcccc	ccatttgcca	ggtcctgtcc	300
acggtggggc	ctcaacagaa	ctctctgact	ggggcccttg	gcccggaccc	accagacga	360
catgttttct	ttggcctggg	tggatatag				389

<210> 3184

<211> 451

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(451)

<223> n = A,T,C or G

<400> 3184

ngacatcctt	tacggccant	cgntnttttn	tgaggaaccc	atgcgatgcg	aattccgttg	60
ctgtcggaaa	atcagaaaga	gtttttatct	tactagtgat	ttacaagtat	gccctggaca	120
gagtttcaaa	acaagatgcc	caggaactct	ttaaaaatta	taccatcttt	gagaagaagt	180
ttggtgatag	gcgggggtatt	gaagatatca	ttgtgagcaa	acggagattc	cagtacgaag	240
aagaagtgaa	ggcgaatcca	cacaattatg	atgcatgggt	tgattacttg	cgcttggtag	300
aaagtgcgc	agaagctgaa	gccgtgagag	aagtctatga	aagggccatt	gccaatgtcc	360
cacccattca	ggagaagagg	cactggaagc	gctacattta	tctttggatc	aactatgcac	420
tctatgaaga	attggaggca	aaggatcctg	a			451

<210> 3185

<211> 409

<212> DNA

<213> Homo sapien

<400> 3185

ggcacgagaa	caaagccacc	caaactgctt	cttctgtcac	agattcgttc	ccacctgcac	60
aggagcgagc	ctcactggac	gccggagccc	gacacacctc	tcgattactg	ctatgtgcgg	120
ccaaatcaca	tcccaatgat	caactccatg	tgtcaggagt	ttttttggcc	tggcattgac	180
ctgtctgagt	gtctgcagta	cccagacttc	agtgatgggt	ctctttataa	aaaagtcac	240
attgcctttg	gcttcatggc	tcctgatgtg	aaatacaatg	aagcttacat	ttcatttttg	300
ttcgtccacc	ctgaatggag	aagagcaggg	attgcaactt	tcatgatcta	tcactctgatt	360
cagacctgca	tgggcaagga	cgtaaccctt	cacgtatgac	caagcaacg		409

<210> 3186

<211> 396

<212> DNA

<213> Homo sapien

<400> 3186

ggcacgaggt	gactctaggt	ataggagtgt	ccaggccctg	ctcaccagg	ctagagctta	60
------------	------------	------------	------------	-----------	------------	----

tggagccaga	aggaaggagg	tgcattgttg	ggtgcaggac	aggagggaaa	aatactcgaa	120
ttgcaaggtg	agggcacagt	ctgtttatat	tgggttgaat	taactcttct	cccgatgcca	180
ctaaagcagg	aatcacactg	cagatggcac	tgatttgatt	ggcaagagac	atgccaggaa	240
gaatattaag	ggaccaggcc	cctataatta	ggcctaata	tagcctgttg	tttggaaaagg	300
gcatgaggga	cattcatccg	gcctggcact	gtgccctaga	cctgctctcc	tgggtagtgg	360
ggccctccat	tgcaacagag	gtgtgggtgg	gcctgg			396

<210> 3187

<211> 412

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 3187

ggcacgaggg	aggccgctgc	cgtcgcgcgc	cttggttttt	ctgttccttt	tttttttttt	60
tttttaaaac	tcttggttaa	aaccccccca	cctttaacct	caaaaaaaaa	taattacaac	120
cggggccccc	tggcccaaaa	atggccttaa	cccctaaaaa	tggaaaaatt	ttgtcctaaa	180
gaaccccccc	cccgggaaaa	aacggggggc	cttttttttt	gcaaaaaggg	tttaatccgg	240
acccacttgt	tttttgcaag	gccggcctgc	gtttgcccat	tgggggaatt	gggggaaatt	300
gcccttgtct	tgtttggaag	gggggggggt	atttcctggg	gaaataaagg	gtgggtttct	360
tttttataaa	aaaaaacttg	tggaaaaaaa	acctttttat	attaactttg	an	412

<210> 3188

<211> 404

<212> DNA

<213> Homo sapien

<400> 3188

ggcacgagga	gagagagcgc	gagagagagc	gcgtgaggca	gagagagaga	gagagcgaga	60
tggagagaga	gagcccgaga	gactgtgaga	gagccagaga	gtttgagcgt	gcgcgagcga	120
gagagagaga	gagagagatg	gagcgatgga	ctgtgacagc	ctacaggagg	aaaagcacgg	180
cttacagaag	gatgtttcct	tcttgaggaa	gcagcactat	tagcactctg	agtcaagatg	240
agtgggaaac	catctcaata	aacacatttt	ggataaaaaa	aaaaaaaaaa	aaaaccggct	300
ctcggccctt	taaaactatg	gggggccttt	ttccttttat	ccgggggggg	ggaaaccttt	360
gttgggttgg	cccaccccct	ttttaatggc	cgggaaaaat	agtt		404

<210> 3189

<211> 334

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(334)

<223> n = A,T,C or G

<400> 3189

tacggctg	agaagacgac	agaaggggac	cagcaaaaaga	aggaggagct	gctgaatgcc	60
atggtggcaa	aactggggaa	ccgggaggac	ccactccccc	aggactcctt	tgaaggcgtg	120
gacgaggacg	agtgggacta	gcctgcgccc	ccgtcacctc	cacctcacct	gtgctgccac	180
ttcctagtgc	acacctcacg	gctcatcctc	aagctggaag	atacctctct	ggccccggca	240
catgtcaccc	ctgcactcct	gccttcccgt	gggcacttcc	acatcctctg	ggcctctggc	300
agttcccagg	gactgttttc	acctctgctg	tctn			334

<210> 3190

<211> 393

<212> DNA

<213> Homo sapien

<400> 3190

ggcacgagaa	aaagcagagt	ctgctctact	ggccatcatg	cgtaaagggg	tgctgaagga	60
cccagagatt	gccgatctat	tctacaaaaga	tgatcctgag	gaacttttta	ttggtttgca	120
tgaaattgga	catggaagtt	ttggagcagt	ttattttgct	acaaatgctc	acaccaatga	180
ggtggtggca	attaagaaga	tgctctatag	tgggaagcag	acccatgagt	tggtgatgga	240
atattgctta	ggctcagcct	ctgatattatt	agaagttcat	aaaaaaccac	ttcaggaagt	300
ggagatcgct	gccattactc	atggagcctt	gcatggacta	gcctacctac	attctcatgc	360
attgattcat	agggatatta	aagcaggaaa	tat			393

<210> 3191

<211> 385

<212> DNA

<213> Homo sapien

<400> 3191

ggcacgagga	aagctagcag	attcttggct	tagtattact	aataggcagg	attgtacaat	60
gagcaactat	cagattattc	ctttcagtgg	ttcttatggc	atctaaatta	ctgaataaat	120
tattaatcca	ttaatcagt	aatcaaatta	tgattacaat	tatcaaata	atgctcagca	180
ttaattgaaa	actgtttt	gaaacatgtc	taccagaaa	agtagcattc	tataaatact	240
attaaacaac	ttagctatat	tatttttaag	tattaaatta	tatgtcaagc	agctaaagt	300
aatttcagag	taaaagtaag	gcatgtttct	gagcaacatt	gataatttct	taatttgcaa	360
atttcttctt	attttggtac	ttgga				385

<210> 3192

<211> 397

<212> DNA

<213> Homo sapien

<400> 3192

cggcggcctc	actgctatgg	gccgcaacaa	gaagaagaag	cgagatggtg	acgaccggcg	60
gccgaggctc	gttcttagct	tcgacgagga	gaagaggcgg	gagtacctga	caggcttcca	120
caagcgggaag	gtcgagcgaa	agaaggcagc	cattgaggag	attaagcagc	ggctgaaaga	180
ggagcagagg	aagcttcggg	aggagcgcca	ccaggaatac	ttgaagatgc	tggcagagag	240
agaagaggct	ctggaggagg	cagatgagct	ggaccgggtg	gtgacagcaa	agacggagtc	300
ggtgcagtat	gaccacccca	accacacagt	caccgtgacc	accatcagtg	acctggacct	360
ctcggggggcc	cggctgctcg	ggctgacccc	acctgag			397

<210> 3193

<211> 395

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(395)

<223> n = A,T,C or G

<400> 3193

ggcacgagac	cgagctcaca	ctgcagagat	tcctcacttg	agcttgcaat	gagggacagc	60
cttcatactt	gcctgactct	ttaatacaca	cgggagcact	cacaccggac	atactccctc	120
tgcatgttgg	gcacgcgcaa	aaccattcat	tagtgttttc	tttctctcga	ccacatgaaa	180
cgatgcacac	agaacataag	ccgtatgaat	gtaacgttta	tgggaaaaca	ttcagtttgc	240
ccagtttatt	tcatagacat	gaaaggactc	acactggagg	aaaaacctat	gaatgcgggc	300
agtgtggcag	atccttcaac	tggtggagct	gctttcgata	tcatggtggg	actcacactg	360
gagagaaacc	ctatgaatgc	aagcaatgtg	gaaan			395

<210> 3194

<211> 352

<212> DNA

<213> Homo sapien

<400> 3194

tactgtctgcg	agaagacgac	agaaggggtac	ggctgcgata	agacgacaga	aggggcggtt	60
ctatgtctcac	agtgtaaaca	aaacagggaa	gcttgaactt	ggtagagccc	actgcagctc	120
agcaaggcct	actgcctcta	tagattccac	ctctgggggc	aaggcatatc	tgaacaaaaa	180
gtagcagaca	gcttctccag	acttaaagt	ccctgcctga	aagctctgaa	gagagcagtg	240
gttctcccag	cacagagttc	aagctccaag	agtggacaga	ctgcctcctc	aaatgggtcg	300
ctgacccccg	tgtaacctga	ctgggagaca	cctcccagta	ggggctgaca	gg	352

<210> 3195

<211> 394

<212> DNA

<213> Homo sapien

<400> 3195

ggcacgaggg	aggatgtcct	caacacccat	tgtggctacg	acgtccggct	caaactggag	60
ctggagcagc	agggtttcat	ccacaccaa	ggctgcgtgg	gccagtttga	gaagtggctg	120
caggacaacc	tgattgtggt	ggcgggagtc	ttcatgggca	tcgccctcct	ccagatcttt	180
ggcatctgcc	tggcccagaa	cctcgtgagt	gacatcaagg	cagtgaaagc	caactggagc	240
atatggaatg	atgactttga	aaaccactgg	cttacgccc	ccatttccga	ggtcctgtcc	300
acggcggggc	ctcagcaaaa	ctctctgact	ggggccccctg	gcccggcccc	accagccga	360
catgttttct	ttggcctggg	tggtttatac	cctg			394

<210> 3196

<211> 374

<212> DNA

<213> Homo sapien

<400> 3196

ggcacgagga	gagagatatt	gaacaaaatt	ttcgcagcat	agcggctcgc	tatggaacac	60
------------	------------	------------	------------	------------	------------	----

atgtaggaac	tctgaagttg	gaatagattc	gactgcatta	aatgttggcg	agagactctc	120
tttgatacat	taataaaact	gcttgcataa	gcagttctat	ggaagacact	ggtgtaatta	180
tggccggcgc	acttgtaccc	gttttaaatg	tacatattct	tgatcttcca	catttttctt	240
tggttctttt	ttcctttttt	aggaaaaaca	aaacaacaca	cttcttcctt	atgttttctc	300
aagattcaag	tgaacacatt	tacacatatt	aattccttaa	agaaccccaa	acgtttcctc	360
cctacaaaac	caat					374

<210> 3197

<211> 401

<212> DNA

<213> Homo sapien

<400> 3197

cgttgctgtc	gagaattcgg	aagaagccgg	gacccaagcc	cggatggaag	aagaagcttc	60
gttgtagag	ggaggagctt	cccaccatct	acaagtgtcc	ttaccagggc	tgcacggccg	120
tgtaccgagg	cgctgacggc	atgaagaagc	acatcaagga	gcaccacgag	gaggtccggg	180
agcggccctg	ccccaccct	ggctgcaaca	aggttttcat	gatcgaccgc	tacctgcagc	240
gccacgtgaa	gctcatccac	acagagggtg	ggaactatat	ctgtgacgaa	tgtggacaaa	300
ccttcaagca	gcggaagcac	cttctcgtcc	accaaatgcg	acattcggga	gccaagcctt	360
tgcagtgtga	ggtctgtggg	ttccagtgc	ggcagcgggc	a		401

<210> 3198

<211> 392

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 3198

tacggctgcg	agaagacgac	agaagggatt	tgaggataga	atccgaggca	ttgatatcat	60
taaatggatg	gagcgctacc	ttaaggataa	gaccgtgatg	ataatcgtag	caatcagccc	120
caaatacaaa	caggacgtgg	aaggcgctga	gtcgcanctg	gacgaggatg	agcatggctt	180
acatactaag	tacattcatc	gaatgatgca	gattgagttc	ataaaacaag	gaagcatgaa	240
tttcagattc	atccctgtgc	tcttcccaaa	tgctaagaag	gagcatgtgc	ccacctggct	300
tcagaacact	catgtctaca	gctggcccaa	gaataaaaaa	aacatcctgc	tgcggtgct	360
gagagaggaa	gagtatgtgg	ctcctccacg	gg			392

<210> 3199

<211> 134

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(134)

<223> n = A,T,C or G

<400> 3199

```

nnnnnnnnnn cctnnccacc caccctgaa aaagcacanc aaaacccac gctgctggcg      60
gagctgcggc tgctgaggca aaggaaggat gaactggagc agaggatgtc gggcctgcaa      120
aagagcaggc gggc                                           134

```

```

<210> 3200
<211> 393
<212> DNA
<213> Homo sapien

```

```

<400> 3200
ggcacgagcc ggaacacgct gtcctcgcg ttccttcggg tggacatcga cgaatttgac      60
gagaacaaat ttgtggacga gcaggaggag gcggcggcgg cggcggcgga gccaggcccg      120
gacccgagcg aggtggacgg gtcctcgcg caaggggaca tgcttcgggc attccatgca      180
gccttgcgga actctcccgt caacaccaag aatcaagctg tgaaggagcg agcccagggc      240
gtggtgctga aagtgtcac aaacttcaag agcagtgaga ttgagcaggc tgtgcagtca      300
ctggacagaa acggcggttg cttgttaatg aagtacattt ataaaggctt tgagaagccc      360
acagaaaata gcagcgagc gttactccag tgg                                           393

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```

<210> 3201
<211> 452
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1) ... (452)
<223> n = A,T,C or G

```

```

<400> 3201
cgttgctgtc ggatgttcac caatgtcagc aagaactcaa cctgaattta aagggtggcat      60
tccatatact aacatcccc aggtcctctc aagtacttct gctgaaacaa atttatttgg      120
ctaggcacta agttgttttc cagtgaatag taactaaaga agcccctacc ttgctccatg      180
gattaattcc ttctgttcat tttccaactg cactaattgt gcatattact ctgcctaate      240
ttgtgcatgt tttcattgat ttcctctctc cggtttttgc ttctcttgaa actgttgccc      300
agtcacttct gtcaccaattc tcttctctc taaatagtag nttattactg ccacatctcc      360
atgcatcagc aaaatgggtg tgacattttt ctagcctggc agaacagatt acttaaagct      420
atntcatttt caagcagact tgatgtgact tt                                           452

```

```

<210> 3202
<211> 403
<212> DNA
<213> Homo sapien

```

```

<400> 3202
ggcacgaggt ccttttttgg cgatgagtat caatacaaat ggattttgtg agtgactcat      60
gaagtgaaga atgcaccaga gtggatcaca agatggaatt tagccaaccc tagccttgct      120
tgtaaaaatt tttttttttt ttttaaaaat aactgcccgg gtactgactt tgctggcttg      180
gaacatctct tttttttttt ttttttctct actaaggctt ttgatgattc tgaattagaa      240
agacaaggca tatcttgctt gaagctttta ttttttttaa aaagcctgtc ttcgggactg      300
aaacacaaaa tccgcaacat catccaagag tacggcctgg actaccgctt ggatcctctg      360
gtccagcttt tctgctcaaa cgagatctcc agaatatggg ctg                                           403

```

<210> 3203
 <211> 404
 <212> DNA
 <213> Homo sapien

<400> 3203
 ggcacgagca tgggttccct cccctcagat tcttttgagc caaagaggaa acttccagct 60
 ggtgcttgcg tgtcttctgt gtgcgtgaat tatgaatctt ttgaagttgg cgccggacag 120
 gattctggtg cttacaactc attagattct gaccacaga tattctttgc cttgggtct 180
 tcaattgcta tgtttctcac tattcgagga gttgattgga tagatgagaa ttacagcctt 240
 cctacctgta aagggttctt cactatttat catccgcttg atccagtggc atatagatta 300
 gaacctatga ttgttccaga tttggacctt taagctggtc tcattccaca tcacaaaggc 360
 agaaaaagac ttcatttaga attgaaagag agtctctctc gtat 404

<210> 3204
 <211> 378
 <212> DNA
 <213> Homo sapien

<400> 3204
 cggtgctgtc gcattgatga tcattgctga gatccacact ataattaggg gcggcagaac 60
 aggtgttttt ctaattctgc tatccctttg gcatttgta gttggaattc ttctataaaa 120
 acataggccg ggtacagtgg ctacgcttg taatcctagc actttcggag gccaaaggcag 180
 gcagatcacg aggtcaagag atggagacta tcctggccaa catgggttaa ccccttctct 240
 actaaaagta caaaaattag ccaggcatgg tggcacacgc ctgtagtccc agctaccag 300
 gaagctgagg caggagaatc gcttgaaccc aggagacaga ggctgcagtg agccaagatc 360
 acgccactgc actccagc 378

<210> 3205
 <211> 419
 <212> DNA
 <213> Homo sapien

<400> 3205
 ggcacgaggt ttaaggagaa gcctgaggcc ccgactgagc agctggatgt cgcgtgcggc 60
 caggaaaact tgccggtggg cgcgtggccc ccggggggccg cgccggcgcc cttccagaaa 120
 agtcgaacat cagttgtgga aatgagaagg aacccagcat gtgtggctca gcccttctg 180
 tgttccccctc ctgcaagcga ttgacccttg agactatgaa aatgatgta gacaaaaagc 240
 aaattcgagc aattttctta ttcgagttca aaatgggtcg taaagcagca gaaacaactc 300
 gcaacatcaa caatgcattt ggcccaggaa ctgctaacga acgtacagtg cagtgggtgt 360
 tcaagaagtt ttgcaaagga gatgagagcc ttgaagatga ggagcgtagt ggccggcca 419

<210> 3206
 <211> 409
 <212> DNA
 <213> Homo sapien

<400> 3206
 ggcacgagag atggagagag cgttccagac agctctgtgg ttgctgcagc cggaagtcgt 60
 cttcatcctg ggggatatct ttgatgaagg gaagtggagc acccctgagg cctgggcgga 120

tgatgtggag	cggtttcaga	aaatgttcag	acacccaagt	catgtacagc	tgaaggtagt	180
tgctggaaac	catgacattg	gcttccatta	tgagatgaac	acatacaaag	tagaacgctt	240
tgagaaagtg	ttcagctctg	aaagactgtt	ttcttggaag	ggcattaact	ttgtgatggt	300
caacagcgtg	gcgctgaacg	gggatggctg	tgccatctgc	tctgaaacag	aagcagagct	360
cattgaagtt	tctcacagac	tgaactgctc	ccgagagctg	ctgtggtgg		409

<210> 3207

<211> 390

<212> DNA

<213> Homo sapien

<400> 3207

ggcgcgacgt	ctgctctgac	actttttgatt	tggaggaata	tgacgacggc	gagaagcccc	60
tccatgttta	ctactgtttg	tgcggtcaga	tggtcctagc	gctggactgt	cagttataga	120
aattgcccac	gaggccccgg	gaccggtccc	gtgtgattga	tgctgcaaaa	catgcccata	180
agttttgtaa	cacataagat	gaggagacta	tgtatctgtg	gagacctgaa	cgcattgaac	240
gacagtacag	gaagaaatgt	gcaacgtgtg	gactgccgct	cttctaccaa	tcccagccaa	300
agaatgctcc	tgttaccttc	attgaggatg	gagcagtaat	caagtgttggc	cacggttttg	360
ggaaaacgaa	catatatata	cagaaacaaa				390

<210> 3208

<211> 350

<212> DNA

<213> Homo sapien

<400> 3208

tacggctgcy	agaagacgac	agaaggagac	aaaaagaaga	aagataagaa	gaaaaagaaa	60
ggagaaaagg	aagaaaaaga	gaaagagaag	aaaaaagagg	acctagcaaa	gccactgtta	120
aagctatgca	agaagctctg	gctaagctta	aagaggaaga	agaaagacag	aagagagaag	180
aggaagaacg	tataaaacgg	cttgaagaat	tagaagccaa	gcgtaaagaa	gaggaacgat	240
tggaaacaaga	aaaaaaagaga	aaggaaaaagg	cccaaggaaa	aagaaagaaa	agaacgcttg	300
aaaaaaagaa	gggaaacttt	taactaaatc	ccagagagaa	gccagagcca		350

<210> 3209

<211> 341

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (341)

<223> n = A,T,C or G

<400> 3209

tactgctgcy	agaagacgac	agaagggaca	atacaatgga	aaaatgcata	gaaaaacagg	60
aaagattttg	tcaactaaaa	aaacaaaagta	tgttgcttca	acagcaactg	gatgatgctc	120
gcaacaaaagc	tgacaatcaa	gaaaaagcaa	tacttaatat	tcaagccaga	tgtgatgcta	180
gagtacaaaa	ccttcaagct	gagtgcagaa	agcaccgtct	tttactagaa	gaagacaata	240
aaatgtttgt	caatgaactg	aatcattcga	aagaaaaaga	atgccaatat	gaaaaagaga	300
aagcagaaaag	agaagtagct	gtgagacacg	ttcaacaaaa	n		341

<210> 3210
 <211> 380
 <212> DNA
 <213> Homo sapien

```
<400> 3210
ggcacgaggg aaggattaga agatattgac gaagaagggg atgaggatga aggtgaagaa      60
gatgaagatg atgatgaagg ggaggaagga gaggaggatg aaggagaaga tgactaaata      120
gaacactgat ggattccaac cttccttttt ttaaattttc tccagtccct gggagcaagt      180
tgcagtcttt ttttttttat tttttttccc ccctggggcc taaagcccct ggtttagggg      240
gctttttttt ttaaccccg ggtccacaat gattgggggg gaaaaccctt gggccaaata      300
acgggggaaa agaggttcta cccctttttg gtcaaaggct tatttaatcc ctttcggggg      360
ggaccaaacg gtgggggaaa                                     380
```

<210> 3211
 <211> 406
 <212> DNA
 <213> Homo sapien

```
<400> 3211
atcggcacga gagcacagat cccaaacctt actgcaaact ttccatcata ctacaagaaa      60
actgaactgt gggttctcta taagtggcat tttgggcttt ccctcttttt tgtaaagcaa      120
tgtctgccta gtttattgtc cagttaactt tagtgacctt ttaaaagtgt gcattgtaaa      180
taaaacaact tgcaaaaaaa aaaaaaaaaa attgggtttt gacctttaaa aatttagggg      240
gggcgttttc ttaaaactcca accttaaaaa aaccctttga ggggttgggc caccaccaat      300
ttaaaggggg ggaaaaaatg ggtttttttg ggaaaattgg ggggcttttg gttttttttg      360
gacccttaaa aaccggcaaa acaaagttaa caacacccat ttgttt                                     406
```

<210> 3212
 <211> 391
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

```
<400> 3212
ggcacgagag gaaaggcaat tgctctcagc atgaccgggc cttggagcgg ttctatgaac      60
aggtgggtcca ggctatccag cgccacatac actttgatgt tgtaaagtgc atcctgggtg      120
ccagcccagg atttgtgagg gagcagttct gcgactacat gtttcaacaa gcagtgaaga      180
ccgacaacaa actgctcctg gaaaaccggt ccaaatttct tcagggtacat gcctcctccg      240
gacacaagta ctccctgaaa gaggcccttt gtgaccctac tgtggctagc cgcttttcag      300
aactaaaagc tgctggggaa gtcaaaagcct tggatgactt ctataaaatg ttacagcatg      360
aaccggatcg agctttctat ggactcaagc n                                     391
```

<210> 3213
 <211> 388
 <212> DNA
 <213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(388)

<223> n = A,T,C or G

<400> 3213

ccagtgcagg	aattgttctg	ccagttat	gtataggaac	aaaagattgt	taagagttac	60
ctgggagagg	agagatacac	agttagggat	actatggcat	tgagtgttta	ctgtgagcaa	120
tgtctcacat	tcttgggttct	ttcaaagaac	tttttttata	acttgggtctg	tttatttcta	180
ggtgactcca	tttggcctta	cgctaaactt	cctcacattc	ttcacgggcg	tggttgactt	240
tatgcacctg	gatcccaaga	aagctggaac	atatttctca	aatcaggcag	taagaaatgt	300
tgagcctata	ttttcttgat	tccagttgtg	gtccatttgc	tgtccagtat	cacagctagc	360
tacagggagg	tcctaggact	gcatgcan				388

<210> 3214

<211> 340

<212> DNA

<213> Homo sapien

<400> 3214

tacggctg	agaagacgac	agaaggggat	gggaagggta	ggaacagggg	atgctgggtga	60
cataaccaga	ggagaagctg	aggagcccct	cttcaactgg	acatccttcc	ctttacagcg	120
gctggatctc	tgctctgggtg	gtgccgaagg	gcaacacagc	agtatacgcg	ctcatgctgc	180
tggccgccct	gctcttcaact	ggcattgctg	tgctaggaat	tgtcatgctg	aaacgggtga	240
gggctgtgtc	gaaggtgggg	ccgggatggg	gagatcatgg	gtccccaggg	gcgtgggtgg	300
aacattcagg	agcaactggc	acaggtcagg	ctgctggggt			340

<210> 3215

<211> 369

<212> DNA

<213> Homo sapien

<400> 3215

tacggctg	agaagacgac	agaagggggc	aaaaaacagg	gctgtataga	agaacagtgc	60
aaacgccgta	caatcttgac	aacttcaaac	tcgtttcctt	acgtgaagaa	gaggattcct	120
attaactgtg	aacagcagat	taatttaaaa	ccaattgatg	ttgccactga	tgaaataaaa	180
gataaaaactg	cagagctgca	aaagctttgc	tcctctactg	acgtggacat	gattcagctc	240
caacttaaat	tgacgggctg	tgtttctgtg	caggtcaatg	ctgggtccatt	agcatatgca	300
agagctttct	taaatgacag	ccaagctagc	aagtatccac	ctaagaaagt	gagtgtgagctg	360
aaagacatg						369

<210> 3216

<211> 384

<212> DNA

<213> Homo sapien

<400> 3216

cgttgctgtc	ggataaagat	acaccatgct	gacactaacc	aagtgaaggt	gggagtagct	60
acattaattt	cagactgaac	agacttcaca	gcaagaaaag	ttattaggga	tcaaagaaga	120
gtattacaca	atgataaaga	ggtcagttct	ccaaaaaac	atgtctttaa	tgtgtatatt	180

cttaacaata	agcatcaaaa	tatctgagga	aaaaactgat	acaactgcaa	ggagaaatag	240
atgaatccac	tatttatagt	tgaagtcttc	agcactccta	tcagtaatgg	acagatgtag	300
caggcaaaaa	atcaccaagg	atatagctga	agtgaacagg	atcattaatc	aactaaatct	360
aagtatcatt	tatgtactac	taca				384

<210> 3217
 <211> 387
 <212> DNA
 <213> Homo sapien

<400> 3217						
cgttgctgctc	gcagatattt	caaaaaagtt	catgtctttt	tatctttgaa	atatctattt	60
atcaaaggcg	tgagccactg	cgctcgggcc	catctgcata	ctcttaccce	ctccaaattg	120
gacctagcag	ttccccatct	ctactccttc	caggaagcca	ggcccacaac	tcactctggg	180
tttccctaca	taccacaacc	actccttgct	tctagccagt	ctttgtctct	caaggggttg	240
ggttctgatt	tcctcttaca	gataggctca	ccttatcttc	caaggctcac	cttatcttcc	300
aaggccaagg	agaggtcaag	gactggatct	ggctttgcca	ggtggctgaa	aggacccgaa	360
ggagtaggat	gcatacctga	ggggctc				387

<210> 3218
 <211> 383
 <212> DNA
 <213> Homo sapien

<400> 3218						
cgttgctgctc	gggcggttgc	tggtcagtat	acagccaaga	tgctgcggaa	tctgctggct	60
cttcgtcaga	ttgggcagag	gacgataagc	actgcttccc	gcaggcattt	taaaaataaa	120
gttccggaga	agcaaaaact	gttccaggta	ctgaagtatt	ttataggaga	tgttacttgt	180
aattattaga	ttaccaaaaag	gtaagagttg	ggataaacia	gtatgtgtat	aaattagatc	240
atatgacaat	ataaacatta	caaaaaaagt	caaggacatg	taccatagtg	ctaattagtg	300
ttgtctcttg	gggaaagacc	tggtggagca	gagcaattta	cctttataag	tagtttgatt	360
atgagtgatt	tttgttttat	tat				383

<210> 3219
 <211> 412
 <212> DNA
 <213> Homo sapien

<400> 3219						
ggcacgaggt	cacagacaaa	aacttcagct	caaggcattg	gatgtgggtt	tgtttgacc	60
tctaacacgc	ccacctcata	actggatgaa	agattttatc	ctcacagttt	ctatagtaat	120
tggtgttgga	ggctgctggt	ttgcttatac	gcagaataag	acatcaaaag	aacatgttgc	180
aaaaatgatg	aaagatttag	agagcttaca	aactgcagag	caaagtctaa	tggacttaca	240
agagaggctt	gaaaaggcac	aggaagaaaa	cagaaatggt	gctgtagaaa	agcaaaatct	300
agagcgcaaa	atgatggatg	aatcaatta	tgcaaaaggag	gaggcttgct	ggctgagaga	360
gctaagggag	ggagctgaat	gtgaattgag	tagacgtcag	tatgcagaac	ag	412

<210> 3220
 <211> 133
 <212> DNA
 <213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(133)

<223> n = A,T,C or G

<400> 3220

antnnnnnnnn	cntgctgngg	tggcgggtcac	tccctctgcc	actatcccca	gggaaggaaa	60
ggctccgcca	tttgggaaa	tggtttctac	gtcactggac	accggttctg	agcaatagtt	120
agagaactcg	ttc					133

<210> 3221

<211> 170

<212> DNA

<213> Homo sapien

<400> 3221

tgtcacgggg	actgatcagg	aagatatatt	cctgcataac	tcaatctgaa	ccaaggattg	60
tagtttagtt	ttcctccttg	ccttccttc	tgtgtgaccg	accccttggc	caaaaaaac	120
caaaaggcaa	aaaacaaaag	cctaccctgt	tctgggtttt	tttctcctt		170

<210> 3222

<211> 417

<212> DNA

<213> Homo sapien

<400> 3222

ctcggcacga	gggacagtgg	aggctgttat	cttttgttga	aagcactgca	tgtaagagg	60
gggcacagcc	ctcctcccaa	gggaaagtgt	ctttgcatat	aatgtatatt	ttcacttttg	120
gaggattctt	tttgtataac	ttcaataaag	attgtaagca	aagggtgagg	ctttgatggg	180
ttttttctta	attattggct	gaatctgcct	tggagcactg	cctgggttat	atattaaccc	240
aaaggtttgt	tctggccttc	tgtactgac	tggggtcctg	atcctaattc	ctatctggct	300
aacgcggagg	tgatcaagtg	tgggtgtagg	ccctttgttt	ccaatgggtg	tatattctgg	360
tttcaaacac	ttcactgaac	ccagctatct	tgcaaacttt	cagtgggtgct	gccccctg	417

<210> 3223

<211> 396

<212> DNA

<213> Homo sapien

<400> 3223

cgttgctgtc	gccagggtgg	aatcacaggg	agttgaaact	gtccacttgt	gctgagtcag	60
ttcctagggtg	ggggccataa	gaccagataa	gccagtttac	cagtctgggt	gtctccagca	120
ggtccttcag	tatgcagggt	ctgaaaaata	cctcaaacac	caatcttagg	ttttacaata	180
gtaatgttat	ctgtaggagc	aagtggggga	ggttagtgat	attgtggcct	ctggctacat	240
gacttctgag	ccataatttc	taatctagtg	gctaatttgt	tggttttaca	aacgcagttc	300
ggttcccaag	caaggaggga	gtttgtttca	gggagagtct	attaccgtct	ttgtttgggt	360
ttttgcgttg	ctttgggttt	tgagccaagg	tctcgc			396

<210> 3224

<211> 407

<212> DNA

<213> Homo sapien

<400> 3224

ggcacgagtt	gggtgggtac	ttgggtgagg	atccctgaag	gccttcaacc	cgagaaaaca	60
aaccaggtt	ggcgactgca	acaggaactt	ggagtggaga	ggaaaagcat	cagaaagagg	120
cagaccatcc	accaggcctt	tgagaaagg	tagaattctg	gctggtagag	caggtgagat	180
gggacattcc	aaagaacagc	ctgagccaag	gcctcgtggt	agtaagaatc	tatcaagaat	240
tgaggaagaa	tgggtgtgga	gagggatgat	gaagagagag	agggcctgct	ggagagcata	300
gggtctggaa	caccaggctg	aggtcctgat	cagcttcaag	gagtatgcag	ggagctgggc	360
ttccagaaaa	tgaacacagc	agttctgcag	aggacgggag	gctggaa		407

<210> 3225

<211> 382

<212> DNA

<213> Homo sapien

<400> 3225

cgttgctgtc	ggcaggaccc	tgggctgggt	gccttttcct	gtcaggaggc	ccggagagcc	60
tggctggatc	gtcatggcaa	ccttgatgaa	gctgtggagg	agtgtgtgag	gaccaggcga	120
aggaaggtgc	aggagctcca	gtctctaggc	tttgggcctg	aggaggggtc	tctccaggca	180
ttgttccagc	acggaggtga	tgtgtcacgg	gccctgactg	agctacagcg	ccaacgccta	240
gagcccttcc	gccagcgcct	ctgggacagt	ggccctgagc	ccaccccttc	ctgggatggg	300
ccagacaagc	agagcctggg	caggcggcct	ttggcagtct	acgcactccc	cagctggggc	360
cgggcagagc	tggcactgtc	ag				382

<210> 3226

<211> 427

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(427)

<223> n = A,T,C or G

<400> 3226

cgttgctgtc	ggcaaaaagga	aatggcattc	tctcaaaaagc	atgaattctc	aagaaatttg	60
aggaagaaga	tttggatgac	attttaagga	aaagattgaa	ggactcaagt	gaaataacctg	120
gtgctctgtg	gcatattatg	ctgggaaaaga	tgttgacaag	ataagggaat	ttcttcaaaa	180
gatttcaaaa	gaacaaggcc	ttgaagttct	accagaacat	gatccaatac	gtgaccaaaag	240
ttggtatgtg	aacaaaaaagc	tccgtcaaaag	gctgcttgaa	gaatatggag	tcagaacctg	300
tactcttatt	cagttccttg	gtgatgctat	tgttttgcca	gcgggagcac	ttcatcaggt	360
tcagaatttt	cacagctgta	ttcaggtaac	tgaagatttt	gtgtctccag	aacatcttgt	420
agagtcn						427

<210> 3227

<211> 398

<212> DNA

<213> Homo sapien

<400> 3227

cccgcctgca	cccaggtgaa	ataaacagcc	ttgttgctca	cacaaagcct	gtttgggtggt	60
ctcttcacat	ggacacatga	gacacttggg	gccgaagacc	cagggtcagt	agactccttc	120
aggagaccag	tcccctgtcc	tcacctcac	tccgtgagga	aatccaccta	tgaccttggg	180
tcctcagacc	aaccagccca	aggaacatct	caccgatttt	aaatcagatc	tacttggcctt	240
agctgctgaa	gactgatgct	gactgatccc	ctcagaagcc	cccagaccat	cacggacacc	300
aagctttggg	taactcttac	agtggagggg	aggcaggaat	gtcaggcctc	tgagcacagc	360
taagctgtca	tatcccctgt	gacctgcacg	aatacatc			398

<210> 3228

<211> 422

<212> DNA

<213> Homo sapien

<400> 3228

cacacatcct	ttttgcttac	aaatttccta	gcttgtgacc	attctccacc	atctcccccc	60
aagttttacc	attctctatt	tgtgccctac	aacgggtcca	ccctttgaaa	taacgcctgg	120
tctaaatgtt	actttttcta	gtgggccttc	cttgattatc	catcccactg	tgattccttt	180
tcctgcccac	agcctctccg	acaagccttg	cattctcatt	catatgacct	tgtttgccaa	240
gctacctgtg	ctgtctctgt	gtgttttaaa	ctattttact	gagccaccat	gcccagccaa	300
agatcatttt	tttatataga	cttcagccct	ttgtaaatat	tgtaactggg	gagtatagag	360
tacaaaaaaa	gtatagttaa	aacatttggt	ctacaaatta	acctttataa	atataattac	420
tg						422

<210> 3229

<211> 413

<212> DNA

<213> Homo sapien

<400> 3229

ggcacgaggc	agagtccatc	acttcgccag	gtggacatgc	tgtgggtgga	tgttcccggc	60
gtgtgccggg	cctgaatgga	caggggccac	ttcacagcat	gtcagggaag	atcactgtca	120
cacaattcca	atggattttg	tgctcttttt	tttcaaaaag	agcacacaat	ccattggaac	180
tgagtgtctt	ttctgaaaaa	taaaaaatct	ttagcgtaaa	cctgaatttt	ttttcaatgt	240
atccccctgg	gaatgaatga	aattttgagc	tttttcctta	cgtaaaaacta	aattttatacc	300
actgacggag	agaccctttt	tgaaagaagt	atggccaaaa	ccactttaat	gctgctgaca	360
atgctgtctt	atgtccattt	gtgcagccct	gacctgctaa	ggagcgaatc	ttt	413

<210> 3230

<211> 146

<212> DNA

<213> Homo sapien

<400> 3230

gcatcatttc	tatccaaaata	aagccttata	ttgacctgat	ctattaaaaac	ctgccacacc	60
cgccctttcc	tacctagatt	taatgagccc	aagtttttaa	aatggaagaa	atgactctgg	120
ggcaaagacc	cctaatagaac	tagggg				146

<210> 3231

<211> 380

<212> DNA

<213> Homo sapien

<400> 3231

ggcacgaggc	taaacctggg	aacattttga	atgtgggact	aagagaggag	ggctagattg	60
ctctacaatg	ctgcagaagt	ttctacctgc	ctggctggga	ggtaggaggg	tctggtttgg	120
ggatgtggcc	ctgaggagag	gaccagtgtt	tggcagtggc	catgtattga	tctcccagtt	180
cttcctgtgg	caggtcccac	gtacctcgga	gatttatgtc	caccgaagtg	gtcgaactgc	240
tcgagctacc	aatgaaggcc	tcagtctgat	gctcattggg	cctgaggatg	tgatcaactt	300
taagaagatt	tacaaaacgc	tcaagaaaga	tgaggatata	ccactgttcc	ccgtgcagac	360
aaaatacatg	gatgtggtcg					380

<210> 3232

<211> 182

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (182)

<223> n = A,T,C or G

<400> 3232

agaacaagtg	cttataggtt	tgccaccatt	gtgacagcag	ttggcttctc	caagggcctc	60
tggatggaat	gtgccacaca	cagcacaggc	atcacccagt	gtgacatcta	tagcacctt	120
ctgggcctgc	ccgcttgcat	ccaggctgcc	caggccatga	tggtgacatc	cagtgcgaatc	180
tn						182

<210> 3233

<211> 396

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (396)

<223> n = A,T,C or G

<400> 3233

ggcacgaggg	ataaggcagc	tgctgcatca	tcggcactac	aagccaaatc	atatgagaag	60
gcggcggttg	caggcaagaa	gcctgtgctc	gtcccccgcg	gagtggccag	gctacggcgg	120
gcgcccgaag	ggggcgcaact	cctcgccctt	cctcaatgtg	tcgggcagcc	ccgcctcccc	180
gctcggtttc	cgggagtcgg	cgggcatggc	gtcatcaccg	agtgccgggc	cgacagcagc	240
ccggagggttg	gctatgtgac	caggcaacat	gctgagccgg	cttcaggaac	tgcgcaagga	300
ggaggagacg	ctgctgcggt	tgaaggcagc	cctgcacgac	cagctgaacc	gcctcaaggt	360
tgaagaatta	gccctccaat	caatgatcag	ttctan			396

<210> 3234

<211> 342

<212> DNA

<213> Homo sapien

<400> 3234

tacggctg	agaagacgac	agaaggggtg	agtcccagcc	acttgggtgg	ctgaggtggg	60
aggattgctt	gagttgaggc	tggaagcttg	aggcggcagt	aagaagtgat	cacactactg	120
cactcttgcc	tgaatgacag	agcaagaccc	tgtctaaaaa	aaattttttt	ttaagttggc	180
tggcgtgggtg	gctcacaccc	ataatcctat	cacttttagga	ggtcgaggtg	gatgggtcac	240
ttgaggtcag	gaattcaaga	ccagactggg	ccgggcgcag	tggctcacgc	ctgtaatcct	300
aacacttttg	gaggccgagg	caggcgaatc	acgaggtcag	gg		342

<210> 3235

<211> 377

<212> DNA

<213> Homo sapien

<400> 3235

ggcacgaggc	caccaacacc	atttgtcttt	ataatggacc	tcaaggccta	cgaacaggtg	60
atgcactacc	ccggctacgg	atcccccatg	cctggcagga	tggccatggg	cccggtcacg	120
aacaaatcgg	gcctggacgc	ctcgcctctg	gacgcagata	ccttctacta	ccacgggggtg	180
gactcccggg	ccattatgaa	ctcctcttaa	gaatacgacg	gcttaaggac	cggctaacta	240
tttcaccccg	gatcgaggac	aagtgaagaa	gcaagagggg	gtcgagactt	tggggagaca	300
gtgctgcaca	tacacaaggg	ataataaata	cataacaccc	tcaaccgaac	accccccaata	360
cagaagactt	attcacc					377

<210> 3236

<211> 390

<212> DNA

<213> Homo sapien

<400> 3236

cgttgctgtc	gctcctcccg	cctgaggtga	gtctgggctc	agcctagagc	tctccggcgg	60
cgggcgcagt	tcagggcagc	gcgggctgca	gcggcgggcg	cggttagggc	tgtgtagggc	120
gaggcctccc	ccttcctcct	cgccatccta	ctcctccctc	ctcgtcatcc	tcccccttcg	180
tcctcctcgc	cttcctcctc	ctcgtcaggc	tcgacccagc	tgtgagcggc	aagatggcgg	240
cgcccaggcc	gccgcctgcc	aggctgtcgg	gcgtcatggg	gccggcgccc	atccaagacc	300
tggaggccct	gcgcgcgctc	acggcgctct	tcaaagagca	gcggaaccga	gaaacagcac	360
ccaggactat	cttccaaaga	gttctggata				390

<210> 3237

<211> 347

<212> DNA

<213> Homo sapien

<400> 3237

tacggctg	agaagacgac	agaaggggat	agaaaatcag	taaagaaaca	tgtcacttaa	60
tctgcactat	agagcaaagt	catctaacag	atatttacag	aacatttcac	ccaacagctg	120
caaaatacac	attctttttc	tcaacacatg	gatcattctc	cagggtagac	catatattag	180
atcacaaaac	aagtctaaca	acattcaata	aattgaaata	atatcaagca	tcttctctga	240
ccacaatgga	ataaaactag	aaatcaataa	tgaggaattt	tggaaactat	acaaatacat	300
ggaaatttaa	ctatatgctc	ctgaatggcc	agtgggtcaa	tgaagaa		347

<210> 3238

<211> 139

<212> DNA

<213> Homo sapien

<400> 3238

gtctgagtca	gagatctgtg	cacactttct	aaacagcttg	tgatgcaagt	gtgagcctat	60
tgtgttactt	gaccttatatt	tggaagtttt	gaattggcct	aggaggaaac	cctagaatga	120
accaggggta	tgatcatcac					139

<210> 3239

<211> 399

<212> DNA

<213> Homo sapien

<400> 3239

ggcacgagga	tctggcacac	tcaggctcat	tggcaggtag	aagaagggga	ataaaggggc	60
tgtgtgaagg	cactgctggg	agccattaga	acacagatac	aagagaagcc	aggaggtcta	120
tgatggtgac	gatttttaaa	atcaggaaat	aaaagatctt	gactctaaaa	gaaaaaaaaa	180
aagaacgcgt	cctagggctg	gatggactaa	tcaggtagga	tttctaaaat	cccactttgg	240
cagaccctct	tgtcttgaat	ctggcttttc	acaacatgga	gggggagaaa	aagaagcttc	300
tttctctgaa	aagagggggg	tttttgtttt	tttagaaaac	taggaggggg	gggagcataa	360
tggctcaaca	gaagagtttt	ttctttttat	gttcctgtg			399

<210> 3240

<211> 387

<212> DNA

<213> Homo sapien

<400> 3240

gcaagaagcc	ccctgacccc	ttgttccaaa	tatactcttt	tgtctttctc	tttattccca	60
cgttcgccct	ttgttcagtc	caatacaggg	ttgtggggcc	cttaacagtg	ccatattaat	120
tggtatcatt	atttctgttg	tttttgtttt	tggttttgtt	tttgtttttg	agacagagtc	180
tcactctgtc	accagggctg	cagttcactg	gtgtgatctc	agctcactgc	aacctctgcc	240
tcccaggttc	aagcacttct	cgtacctcag	actcccgaat	agctgggatt	acagacaggg	300
accaccacac	ccagctaatt	tttgtatttt	ttgtagagac	gggggtttcgc	caagttgacc	360
agcccagttt	caaactcctg	acctcag				387

<210> 3241

<211> 160

<212> DNA

<213> Homo sapien

<400> 3241

ccctctagag	gagcctgata	tgcatttcga	taaaccccga	tcaacctcac	cacctcttgc	60
tcagcctata	ttccgccatc	ttcagcatat	cctgatgaag	gctacaaagt	aagcgcaagt	120
accacgtaa	agacgttagg	ttcaggtgta	tcctatgatg			160

<210> 3242

<211> 379

<212> DNA

<213> Homo sapien

<400> 3242

ggcacgagat	cagccagccc	ctgcagaaca	gcttcatcca	cacagggcat	ggcgacagtg	60
acccccgcca	ctgctggggc	ttcccggaca	ggattgacga	actgtatctg	ggaaacccca	120
tggaccccc	cgacctcctg	agcgagaact	actgggtggc	tggccagaac	acacggacgc	180
tgtgtgtggg	gcccttcctt	cgcaacgtgg	tgacctccgt	ggccggcctg	tcggcccagg	240
acatcagcca	gcccttgcca	cagaggggct	gccctggcga	tgggcccagag	gcggggccggc	300
cagcagacaa	gatccagatg	ctgcaggcca	tgggtgcatgg	ggtgaccaca	gaggagtgcc	360
aggcggccct	gcagtgcct					379

<210> 3243

<211> 462

<212> DNA

<213> Homo sapien

<400> 3243

gcggtgctgt	cgcttcaaga	gcgttctgat	gccccatgac	ctcatcactc	agctgtggcg	60
ggggctggcc	atcgagacca	agcacgagaa	ggcgatggcg	cacgccgacc	ccacggagct	120
ggcgctgagc	gggctggagg	ccttctcttt	cgactacatc	ggcaagtggc	ccctttcgtc	180
catcatcaac	aggtgcgggt	cggtgctcgc	ggcacctgcc	agatcttcac	tcaggtttgg	240
cagaagcgag	aactgtgcca	cgcggtggcc	acctcgtcgc	acagaggacc	caaggcggct	300
ctccccagcc	ttcagagtcc	gggagattca	cgggctgtcc	ggggggccacg	gcgcggactg	360
tggagtacag	acgccgtgta	cacgacgccg	tcggtcacgg	aggcccacct	gaggtgccgc	420
cacgtgtctg	gcaggaaagc	cctcactcgc	taccagatgc	tg		462

<210> 3244

<211> 392

<212> DNA

<213> Homo sapien

<400> 3244

cgctgctgtc	gctatctctg	tgccttcttc	atctcctgca	caaattggagg	gagctcctaa	60
gaactagtaa	acgtctgagt	gccagcacta	tgctgaatgc	tttacgtgtt	tcccatTTaa	120
ttatggcaaa	cttgggagac	aaggcaagtg	ttctcacaga	tgaaagacac	tgatgtacaa	180
agataagtaa	cttaccacaac	atcacagtca	accaggattt	gaaccagat	agtccacttc	240
tcccaaaatt	tcattttctc	accttgggtc	cgatactcaa	aaagacgggg	atcagcatga	300
atgggaatga	gccccagacg	gtgagcaaga	atctcatcct	gaacaatgga	tgtattattg	360
tacaccagga	ccttctccac	agccatagtt	gg			392

<210> 3245

<211> 144

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(144)

<223> n = A,T,C or G

<400> 3245

atatcannt	cttctccacc	taggaccgcc	agcagagcgg	ggggatctcc	ctgccccac	60
cccagttccc	caaccactc	ccttccaaca	acaaccagct	ccaactgact	ctggtcttgg	120

aggtgaggct tcccaaccac ggaa

144

<210> 3246
 <211> 433
 <212> DNA
 <213> Homo sapien

<400> 3246
 ggcacgagag ccctcgataa gttttccact gaatacacia tgtagtctgg ctcacagaat 60
 ctgcattttt acataaatga taggggagag gaagcaatca gataactcatt tgtctcaagt 120
 gaacctcaag ggatgacttt gaatagaatg agaggcagat ttcccctaag cagttcccag 180
 gttgactttt cccttttagct tagagatttt ggggtcccaa tatttgtttt catttcacac 240
 ccattctctg ccccccatg actcacaaga gtccctcacac ctggcctacg ttcaactctc 300
 cacggctctt gccagaaggc tgcacgtaca acacacacag aggcgggcat ttccctgacc 360
 actcctgtgt gccgaggggg aacggtagat ggcccaaccc ccagtgggtc gaactttctg 420
 gccaaacata ttg 433

<210> 3247
 <211> 232
 <212> DNA
 <213> Homo sapien

<400> 3247
 ctcccccta cttcaccaac cacaggattc agtgtatgtc acatgctcag gcggagggtg 60
 ggaaacgtta cttccaactg ggaaactttt tgggggaaat taactggaca cctatctcgg 120
 aggtttatth tcttgcaacc agtgaagtcg tctctctccc ttccctggat aactcttcag 180
 tttgactgtc actgttctgg tgtcaactcc agcgtcggca caggcagaag gg 232

<210> 3248
 <211> 427
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 3248
 ggcacgaggg cggagccaag cgccgccatg tccgccgccc tgctgcggcg gggcctggag 60
 ctgctggcgg cgtccgaggg cccccgggac cctccaggtc aggccaaagcc gagaggggct 120
 ccggtgaaac ggccccggaa gacgaaggca attcaggccc agaaactgcg gaactcggcc 180
 aagggaaaag tgcccaagtc ggcactggac gagtaccgga agcgagagtg tcgagaccac 240
 ctgagagtaa acctgaagtt tctgaccagg acgagaagca ccgtggctga gtctgtgagc 300
 cagcagatth tgcgccagaa ccggggccgc aaggcctgtg accggcttgg gccaaaacca 360
 aaagaagaan gctgagggga cgtgggtcacc gaggaagatt ccagaaggtc agcacgaata 420
 cttttgg 427

<210> 3249
 <211> 401
 <212> DNA

<213> Homo sapien

<400> 3249

ggcacgagct	gcggcggggc	ctggagctgc	tggcggcgtc	cgaggccccc	cgggaccctc	60
caggtcaggc	caagccgaga	ggggctccgg	tgaaacggcc	ccggaagacg	aaggcaattc	120
aggcccagaa	actgcggaac	tcggccaagg	gaaaggtgcc	caagtcggca	ctggacgagt	180
accggaagcg	agagtgtcga	gaccacctca	gagtaaacct	gaagtttctg	accaggacga	240
gaagcaccgt	ggctgagtct	gtgagccagc	agattttgcg	ccagaaccgg	ggccgcaagg	300
cctgtgaccg	gcctgtggcc	aagaccaaga	agaagaaggc	tgagggcacc	gtgttcaccg	360
aggaagactt	ccagaagtcc	cagcaggaat	acttcggcag	c		401

<210> 3250

<211> 145

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 3250

atagcncatc	catcctggag	tacctcaccg	cagaggtact	tgaactggca	ggaaatgcat	60
caaaagactt	aaaggtagag	cgtattaccc	ctcgtatctt	gcaacttgct	attcgtggag	120
atgaagaatt	ggattctctc	atcag				145

<210> 3251

<211> 388

<212> DNA

<213> Homo sapien

<400> 3251

cgttgctgtc	gggacagtgg	ccgcaccaga	caacctgccc	aactacgaga	acaccgtggt	60
cttctctctg	tccagcttcc	agtacctcat	cctggctgca	gctgtgtcca	agggggcgcc	120
cttcgcggcg	ccgctctaca	ccaatgtgcc	cttcctgggtg	gccctggcgc	tcctgagctc	180
cgtcctggtg	ggccttgctc	tggtccccgg	cctcctgcag	gggccgctgg	cgctgaggaa	240
catcactgac	accggcttca	agctgctgct	gctgggtctg	gtcacccctca	acttcgtggg	300
ggccttcatg	ctggagagcg	tgctagacca	gtgcctcccc	gcctgcctgc	gccgcctccg	360
gccaagcgcg	gcctccaaga	agcgcttc				388

<210> 3252

<211> 380

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 3252

tacggctgcg	agaagacgac	agaagggaca	gtaagacatc	agaaagtata	tgtgagatca	60
ataataattc	cgaacatgga	gccaaactaa	ctcagcaaca	agacattaga	aaggacagta	120
agacatcaga	aagtatatgt	gagatcaata	ataattccaa	acatggagcc	aaaaacatgt	180
ttgctatatc	taaacaagga	agtaatttgg	tacaatcaaa	gcatttgaat	ccaggcagca	240
tttcagtgca	gacatctttg	acaaatagct	cacaaataga	taagccaatg	aagatggaga	300
aaggggaaat	gtatggaaat	tctccaagat	ttttaggtgc	cacaaatttg	actatgtatt	360
ctaagatctc	anactgtcag					380

<210> 3253

<211> 154

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(154)

<223> n = A,T,C or G

<400> 3253

aatgtttnc	aacatccang	ctgtgtccct	caagatccag	acactcaagt	ccaacaactc	60
gatggcacia	gccatgaagg	gtgtcaccaa	ggccatgggc	accatgaaca	gacagctgaa	120
ggtgcccaga	tccaaaagat	catgatggag	tttg			154

<210> 3254

<211> 460

<212> DNA

<213> Homo sapien

<400> 3254

cgttgctgtc	gcttcaagat	cgacctgatg	ccccatgacc	tcatcactca	gctcttgctc	60
gtcctggcca	tcgagaccaa	gcaggagaag	gcgatggcgc	acgccgaccc	cacggagctg	120
gcgctgagcg	gcctggaggc	cttctctttc	gactacatcg	tcaagtggcc	cctttctgctc	180
atcatcaaca	ggtgcgggtc	ggctgctcgg	gcacctgcca	gatcttcaact	caggtttggc	240
agaagcgaga	actgtgccac	gcggtggcca	cctcgtccca	cagaggaccc	aaggcggtc	300
tccccagcct	tcagtgtccg	ggagattcac	gggctgtccg	ggggccacgg	tgcggaactgt	360
ggagtacaga	cgccgtgtcc	acgacgccgc	cggtcacgga	ggcccacctg	aggtgccgcc	420
acgtctcttg	caggaaagcc	ctcactcgct	accgatgct			460

<210> 3255

<211> 382

<212> DNA

<213> Homo sapien

<400> 3255

cgttgctgtc	gaacagatcc	atgtgttcag	gagtttcaat	ttaaagtctg	ggatgaaatg	60
gctcatgtaa	ctggagcggt	acttccagca	cctatgctcc	agtatggagg	acggaatcgg	120
acagtagcaa	caccgagcca	tggagtatgg	gacatgcgag	ggaaacaatt	ccacacagga	180
gttgaaatca	aaatgtgggc	tatcgcttgt	tttgccacac	agaggcagtg	cagagaagaa	240
atattgaagg	gtttcacaga	ccagctgcgt	aagatttcta	aggatgcagg	gatgcccatc	300
cagggccagc	catgcttctg	caaatatgca	cagggggcag	acagcgtaga	gcccatgttc	360
cggcatctca	agaacacata	tg				382

<210> 3256
 <211> 431
 <212> DNA
 <213> Homo sapien

<400> 3256
 ggcacgagat ggtgacaagg ctggagttgc tttgggaact gcactgacac ctcaatttga 60
 gaattaagtg tctcaagctg tccttccctc ctttaattttc ctggaatttt gctgagcatt 120
 ttaccttctc attcttttga aattttctcat taaacattct aggaagagag atagctccct 180
 acctctggag gttgggggta cggggatagg taggggggtct gttgggtttt tgcagataag 240
 tggttatttt tccttgggca ggtgccaaact atggctgtgg agaaggctct ggtgtacaat 300
 aatacatcca ttgttcagga tgagattctt gctcaccgtc tggggctcat tcccattcat 360
 gctgatcccc gtctttttga gtatcggaac caaggtgaga aaatgaaatt ttgggagaag 420
 tggactatct g 431

<210> 3257
 <211> 424
 <212> DNA
 <213> Homo sapien

<400> 3257
 ggcacgagat ggtgacaagg ctggagttgc tttgggaact gcactgacac ctcaatttga 60
 gaattaagtg tctcaagctg gccttccctc ctttaattttc ctggaatttt gctgagcatt 120
 ttaccttctc attcttttga aattttctcat taaacattct aggaagagag atagctccct 180
 acctctggag gttgggggta cggggatagg taggggggtct gttgggtttt tgcagataag 240
 tggttatttt tccttgggca ggtgccaaact atggctgtgg agaaggctct ggtgtacaat 300
 aatacatcca ttgttcagga tgagattctt gctcaccgtc tggggctcat tcccattcat 360
 gctgatcccc gtctttttga gtatcggaac caaggtgaga aaatgaattt ttgtgagaag 420
 tggc 424

<210> 3258
 <211> 399
 <212> DNA
 <213> Homo sapien

<400> 3258
 cggttgctgtc ggattcaggc gtgtatacca gccggagcgg cgcggcagcg gcaggaccgc 60
 cgtggcgctt atagtagcga cccgggggga gcgcggggcg acgctggctg cagggaccgc 120
 gtgacagcgt gagaggtact aggttttgac aagcttgcac catgcgtgag tataagctag 180
 tcgttcttgg ctcaaggaggc gttggaaagt ctgctttgga gcaatttaca gcaatgaggg 240
 atttatacat gaaaaatgga caaggatttg cattagttta ttccatcaca gcacagtcca 300
 catttatcga tttacgagac ctgagagaac agattcttcg agttaaagac actgatgatg 360
 ttccactgat tcttggctgc aataagtgtg atttgaag 399

<210> 3259
 <211> 344
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature

<222> (1)...(344)

<223> n = A,T,C or G

<400> 3259

tacggctgct	agaagacgac	agaaggggtg	tcagtattaa	gatcactaaa	gtggttctta	60
gcaaagggtg	gaggtgtctt	gagtgcactg	tgtgtgaggc	ctgtgggaag	gcaactgacc	120
caggaagact	cctgctgtgt	gatgactgtg	acataagtta	tcacacctac	tgcctagacc	180
ctccattgca	gacagttccc	aaaggaggct	ggaagtgcaa	atgggtgtgt	tgggtgcagac	240
actgtggagc	aacatctgca	ggtctaagat	gtgaatggca	gaacaattac	acacagtgcg	300
ctccttgtgc	aagcttatct	tcctgtccag	tctgctatcg	aaan		344

<210> 3260

<211> 423

<212> DNA

<213> Homo sapien

<400> 3260

ggcacgaggc	ggagtattcc	aggaagaggc	cactgcctat	gtgatgacct	caaggcactg	60
catagcttgg	catattttga	ttacataagg	aaggcacagg	agccttctaa	tatctattcc	120
attactatgc	taagcgaggt	ctaataactg	gaaacagttg	tatgagctgc	agacatgcag	180
gcactgccgt	gtacttttgt	ccgcacatat	atatctatgt	gcctagctct	tggtcctgac	240
acacatgttt	ctatatacac	atacacatac	atgcatatac	caacagattt	aatattatat	300
tgcatttttc	aacgatgcag	aatgcagctg	caattgtgtt	ttaaggagaa	gccacatggg	360
gatggttgtc	cctgcaacat	ggtgccactc	ctgggccatg	tgcagcctca	gtggacactc	420
ttg						423

<210> 3261

<211> 382

<212> DNA

<213> Homo sapien

<400> 3261

ggcacgaggg	agtctctatc	cttttctaaa	atcgcattht	gtaagaaaag	aaagaaaaaa	60
aaaaaaagga	atggtccccc	cccacctccg	gatttaaaaa	aaacccttgg	aatttttaat	120
aaacattttt	aacccacggg	gatttttttt	ttaaccgggc	ctttgggatt	ccaaagttaa	180
aaaggtaaaa	agaaaaggct	aacttttcct	tttttttggg	ggggggggcc	cctgccaaaa	240
atgtatttac	tttggttcag	gggctttatt	ggagggccct	ggccaccctt	tggaatggct	300
gccacagta	aaactttccc	agaaaaattt	cgtaacgggc	cccagccctt	tcataacccc	360
ggtttttttt	gaccttgaaa	aa				382

<210> 3262

<211> 381

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 3262

cgttgctgtc	ggcgacccgc	cggggatgct	gggtgctcaa	cgcgctgcc	cctggggccc	60
aacgcgttga	cctcgcggtc	aggttgcttc	cgcgactac	ggatctggct	cgctagctct	120
ggaagggagc	accgggaggg	aatggtggca	actcccaagg	aggggaccca	gggatccgag	180
aaaggaagac	ttgggactgt	ggtacagacc	tccatgagcc	ggtcccaggt	agccctgctg	240
ggcctgagtc	tgctgctcat	gctcctactg	tatgtggggc	tgccaggccc	ccctgagcag	300
acttcctgcc	tctggggaga	ccccaatgtc	acagacctgg	ctggactcac	ccctggcgac	360
tcgcccattc	tttaccgcga	n				381

<210> 3263

<211> 336

<212> DNA

<213> Homo sapien

<400> 3263

tacggctgcg	agaagacgac	agaaggggaat	gatgatgaac	cacatacttc	taaaagagat	60
gaagttgatc	gagctgtgat	attgtttaaa	ccaatgggat	cagagccaat	tcatatacac	120
aggaagtctc	cacttccaag	atctaggaag	acggctacaa	atgatgttgt	atctgaaaaat	180
gctaattacc	tgagaacacc	aagaactctt	gtggaacaga	agcagaatcc	tactgtaggc	240
tttgaattgt	attccatggg	gccatctatt	tgctctctag	aaactcttca	taatgcccta	300
tctttaaagc	aagtggatga	atttcttgct	tccatt			336

<210> 3264

<211> 455

<212> DNA

<213> Homo sapien

<400> 3264

tgcaggatcc	cagcgactcg	aattccgttg	ctgtcgaggg	gctcccagtc	ctttcttctg	60
ggaggccaag	gcggcttcgc	gttctgagaa	tagacagaac	ctctgttact	ctgtgaccgg	120
caggcaccgg	gagatccgta	gctcagacgc	caggacatcc	cggaagctgg	gaaatggtga	180
atgtgccagg	gactgttgac	attcagggat	gtggccatag	aattctctcg	gggggagtgg	240
gaacacctgg	actcacatca	aaagctttta	tatggggatg	tgatgttaga	gaactacgga	300
aacctggtct	ctctgggtct	cgctgtctct	aagccggacc	tgatcacctt	tttgagagcaa	360
aggaaagagc	cctggaatgt	gaagagtgc	gagacagtag	ccatccagcc	agctcctgaa	420
gagcaccatt	ctgcctaata	tttctatgag	tttgg			455

<210> 3265

<211> 165

<212> DNA

<213> Homo sapien

<400> 3265

tggtgcagga	tgcacagcag	gaggatttcg	gaatcttcca	ggcctgggccc	gaggccactg	60
gtgcatatgt	ttccgggagg	gataagccag	acctgccaac	ctggaagagg	aatttccgct	120
ctgccctcaa	ccgcaaagaa	gggttgcggt	tagcaaagga	ccggt		165

<210> 3266

<211> 148

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(148)

<223> n = A,T,C or G

<400> 3266

aggcacgctt	tcaggttttt	attatggcag	ccactaacag	gccagatata	attgaccctg	60
caatcctgcg	cccgggccgc	ctggacaaaa	cactgtttgt	gggtttaccg	ccccctgcag	120
atcgccctgc	catcttaaaa	actatcan				148

<210> 3267

<211> 386

<212> DNA

<213> Homo sapien

<400> 3267

cgttgctgtc	gggccaccct	gaagacctat	ggacgacatc	gagactgtcc	ttcagctctt	60
ccggcttggc	aacatcaatg	ccaaagccag	ccaggcagga	cagacggccc	tgatgctggc	120
cgtcagccac	gggcgggtgg	acgttgtcaa	agccctgctg	gcctgtgagg	cagatgtcaa	180
cgtgcaagat	gatgacggct	ccacggccct	catgtgcgcc	tgtgagcacg	gccacaagga	240
gatcgcgggg	ctgctgctgg	ccgtgcccag	ctgtgacatc	tactcacag	atcgcgatgg	300
gagcacagct	ctgatggtgg	ccttggacgc	agggcagagt	gagattgcgt	ccatgctgta	360
ttcccgcgatg	aacatcaagt	gctcgt				386

<210> 3268

<211> 424

<212> DNA

<213> Homo sapien

<400> 3268

ggcacgaggc	agaccctcca	ccctcctggt	tacatcccag	agtccgggca	gaatcagctg	60
ttacagcccc	ttaagccatc	tccctccagt	gacaacctct	attcagcctt	caccagtgat	120
ggtgccattt	cagtaccaag	cctttctgct	ccagggtcaag	gaaccagcag	cacaaacact	180
gttggggcaa	cagtgaacag	ccaagccgcc	caagctcagc	ctcctgccat	gacgtccagc	240
aggaagggca	cattcacaga	tgacttgcac	aagttggtag	acaattgggc	ccgagatgcc	300
atgaatctct	caggcaggag	aggaagcaaa	gggcacatga	attatgaggg	ccctggaatg	360
gcaaggaagt	tctctgcacc	tgggcaactg	tgcattctcca	tgacctcgaa	cctgggtggc	420
tctg						424

<210> 3269

<211> 410

<212> DNA

<213> Homo sapien

<400> 3269

cgttgctgtc	gcacagatgc	ccgcttacca	ggagctggtg	gaggaggcga	ttgcctatgg	60
ccggaagctg	ggcgggtcac	aagaggacca	gattaaaaat	gctattgata	aactttttgt	120
gttgtttggg	gcagaaatac	ttaaagaagat	tccgggccga	gtatccacag	aagtagacgc	180
aaggctctcc	tttgataaag	atgcgatgg	ggccagagcc	aggcggctca	tcgagctcta	240
caaggaagct	gggatcagca	aggaccgaat	tcttataaag	ctgtcatcaa	cctgggaagg	300
aattcaggct	ggaaaggagc	tcgaggagca	gcacggcatc	cactgcaaca	tgacgttact	360

cttctccttc gccaggtg tggcctgtgc cgaggcgggt gtgaccctca

410

<210> 3270

<211> 389

<212> DNA

<213> Homo sapien

<400> 3270

cggttgctgtc	ggagaaccct	gttataatgg	gactgctcag	cctaaatggg	caggtgacaa	60
ggcctgtgaa	accactggg	ggcctggag	gagggggcgc	acaaacacag	cctcagaaga	120
gccagctgat	taacaccaac	acaatcgcta	atggcactca	gcagcacgca	cagagtatga	180
ccaccactat	taagtatgtg	gtagagtaaa	ttatgtatta	tacacttgcg	gggaaccaag	240
atatgggata	ctttggagtt	gactattaat	acttatgcct	taagttaacc	attttgattg	300
caaatagagg	acagatgact	ttgttttatg	gccagtatgt	atttgcaata	caataatata	360
tatctgccat	aatttgtaga	gcatgtagg				389

<210> 3271

<211> 374

<212> DNA

<213> Homo sapien

<400> 3271

cggttgctgtc	ggggcctccg	gggaagcgtc	cccgtaggg	gtggggctctt	gggactccct	60
ggggcttccg	gagctgacct	gtggggggtc	tgctgccctc	agttcctgct	gaccaaagtc	120
ctgccggatc	tggcgccctac	gaggacgtgg	cgggtggagc	tcagaccggg	gggctaggtt	180
tcaacctgcg	cattgggagg	ccgaagggtc	cccgggacct	gcctgctgag	tggacccggg	240
tgtctctgga	cctctgactg	acactgtgcc	tgcccaggtc	cctgtatgca	ctgccacagt	300
gccctggggc	ccatgtccac	ccctgtcctg	cccttctctg	ggatagggct	ggccttcctc	360
tgctctgcc	tggg					374

<210> 3272

<211> 381

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 3272

cggttgctgtc	ggggcctccg	gggaagcgtc	cccgtaggg	gtggggctctt	gggactccct	60
ggggcttccg	gagctgacct	gcggggggtc	tgctgccctc	agttcctgct	gaccaaagtc	120
ctgccggatc	tggcgccctac	gaggacgtgg	cgggtggagc	tcagaccggg	gggctaggtt	180
tcaacctgcg	cattgggagg	ccgaagggtc	cccgggacct	gcctgctgag	tggacccggg	240
tgtctctgga	cctctgactg	acactgtgcc	tgcccaggtc	cctgtatgca	ctgccacagt	300
gccctggggc	ccatgtccac	ccctgtcctg	cccttctctg	ggatagggct	ggccttcctc	360
tgctctgcc	tggctgcata	n				381

<210> 3273

<211> 290

<212> DNA

<213> Homo sapien

<400> 3273

agcgaggtca	gaggccatga	gggaaaggca	gactcgggag	gagagtggag	tacttccaca	60
tctgggaggc	tgtgggggga	acaactgtgt	gtgtgcttta	catccatccc	ctgaaccttc	120
agagctgact	atcccagcct	cggctaattg	attctacgcc	atggatggag	cttcacacga	180
tttctcctg	cggcagcggc	gaaggctctc	tactgctaca	cctggcgta	ccagtggccc	240
gtctgcctca	ggaactcctc	cgagtgaggg	aggagggggc	tcctttccct		290

<210> 3274

<211> 382

<212> DNA

<213> Homo sapien

<400> 3274

ggcacgagct	cgaatctcca	gaaaagcagc	taacactaaa	tgagatctat	aactgggttca	60
cacgaatggt	tgcttacttc	cgacgcaacg	cggccacgtg	gaagaatgca	gtgcgtcata	120
atcttagtct	tcacaagtgt	tttgtgagag	tagaaaacgt	taaaggggca	gtatggacag	180
tggatgaagt	agaattccaa	aaacgaaggc	cacaaaagat	cagtggtaac	ccttccctta	240
ttaaaaacat	gcagagcagc	cagcctact	gcacacctct	caatgcagct	ttacaggctt	300
caatggctga	gaatagtata	cctctataca	ctaccgcttc	catgggaaat	cccactctgg	360
gcaacttagc	cagcgcaata	cg				382

<210> 3275

<211> 403<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (403)

<223> n = A,T,C or G

<400> 3275

ggcacgaggg	acaagagaga	agagagactg	aaacagggag	aagaggcagg	agagggggag	60
gtgtgggagg	ctttaanctg	gaggccgaca	ctgagggagg	gcgggaggag	gtgaagaagg	120
agagagggga	gaagaggcag	gagctggaaa	ggagagaggg	aggaggagga	ggagatgcgt	180
gatggagacc	tggagttagg	tggcttgagg	gagcttaatg	aatagagaac	ggagaggagg	240
tgtgggttag	gaaccaagag	gtagccctgg	tggcagcaga	aggctgagag	gagtaggaag	300
atcaggagct	agagggagac	tggatggttc	cgggaaatga	gcagaggaaa	gaggaaaagac	360
acagagagac	gggagagaga	agaatagtgg	ttttgtatgg	cgg		403

<210> 3276

<211> 405

<212> DNA

<213> Homo sapien

<400> 3276

ggcacgagga	ggaacaagaa	gcacctctac	agggagctcc	cagttgaggt	gcgacaggca	60
ctcggccaag	tccttgatgg	cttcgtccag	tacttcacaa	accgcttccc	acggctgctg	120
ctccacacgc	accgagccat	gaggagctgc	gcctctgaga	gcctcttcct	gccctactac	180

ccgccagact	cagaggccag	gaggccatgc	cctggggcca	cagggaggtg	aggtgggctg	240
gatgccacac	agatggtctc	cgtgctggct	cactgaagag	ctgagcctga	ggctggcctc	300
acaatcaagc	tgggtgcagt	ggctcacacc	tgtaatccca	gcattttggg	aggctgagtg	360
agaggatcac	ttgagctcag	gagttcgaga	ccagcctggc	caact		405

<210> 3277

<211> 377

<212> DNA

<213> Homo sapien

<400> 3277

cgttgctgtc	ggcgattttc	ctgcctcatc	ctcccgagta	gctgggattc	caggcgccccg	60
ccaccacgcc	tggctaattt	tttgtatttt	tagtagagac	gggattttat	catgttggcc	120
aggctggctc	cgaactcctg	acctcaggtg	atctgcccac	cttggcctcc	caaagtgctg	180
ggattacagg	catgagccac	tgtgcctggc	cccttcctgt	aaaattttta	aatggagaat	240
tgggtgcgag	atgtggtttc	cagcctgggt	cctgggggtg	tgagctagtg	agtggcgag	300
tccaggacac	ctttgcttta	tgtcacttac	acggtcacct	ggagccggct	caagtggcta	360
aagcatcctg	gggcccc					377

<210> 3278

<211> 384

<212> DNA

<213> Homo sapien

<400> 3278

ggcacgagga	gagagagaga	gaataagatt	tttgaatcat	tttgtctgct	aaataagaca	60
tataagaact	ctgaagggtg	aatagatttg	actgtattaa	atgttggcga	gagactctct	120
ttgatacatt	aaaaaaaactg	tttgcagaag	cagttctatg	gaagagactg	gaataattat	180
ggccgtgtaa	cgtgtaccgc	ctttaatggg	aaatattcct	gatcttcaac	attgttcttt	240
ggttcttttt	tcctttttta	ggaaaaacaa	aacaacagac	ttcatcctta	gggtttctca	300
agatttaagc	gaacacattt	acacatatca	atttcttaaa	gaacacagaa	tgtttcctcc	360
ctagcttaac	tattttaagag	ccag				384

<210> 3279

<211> 181

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(181)

<223> n = A,T,C or G

<400> 3279

acccnnnnn	nctgcctcac	ctctctgggc	cagtttcccc	atagtacagt	ggtgctgcac	60
accctggccc	tggccccgag	gtggctggga	ggtggctcct	caaaccgccg	ctgtctcatc	120
gaggcccggt	gatgcatcag	ggatcgactg	aggctctgag	ctaactggga	aacacagtgg	180
c						181

<210> 3280

<211> 152

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 3280
attgcgctgn gnaacacaaa ttctcctctg cgctatgtgg acattgccat cccatgcaac 60
aacaaggtaa tgatttttagg atctagagtt tgtgaatgcg tgctctagaa naaacattcc 120
tgtgcacatt gatagagctt ggagttgagg ct 152

<210> 3281
<211> 189
<212> DNA
<213> Homo sapien

<400> 3281
aggccaggcg tgcgacgctt tatcggtcac gaaatggata cccggcctgc catggccatc 60
tttgaactcc tggactatat tgtgaacgag ccacctccta agctgtccaa cggtgtgttc 120
accctccact tccaagagtt agacaataaa agcctcatca agaaccctac ggagcgagct 180
gacctgaag 189

<210> 3282
<211> 392
<212> DNA
<213> Homo sapien

<400> 3282
ggcagcaggc ttgtgggtcaa acatcgggac atgaatgata aggaactgga agctcacgag 60
gcacggaagg cccagctaga aaaccacgaa ccggaggagg aagaggaaga ggagatggag 120
acagaagaga aagaagctgg gggctcagat gaggagcagg agaagggcag cagcagttag 180
aaggagggca gtgaagatga gcactcgggc agcgagagtg aacgggagga aggtgacagg 240
gacgaggcca gtgacaagag tggcagtggt gaggacgaga gcagcgagga tgaggcccgg 300
gctgcccgtg acaaagagga gatctttggc agtgatgctg attctgagga cgatgccgac 360
tctgatgatg aggacagagg acaggcccaa gg 392

<210> 3283
<211> 170
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 3283
gaatttnncc ncnncacctg ccactactac nccaacaagt acagcttctg gctgaccacc 60
attcccgcagc agagcttcca gggctcgccc tccgccgaca cgctcaaggc cggcctcatc 120

ccgcacacat caaccgctgc caggtgtgca tgaagaacct gtgagccgga 170

<210> 3284

<211> 158

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(158)

<223> n = A,T,C or G

<400> 3284

cctnacanana aacttaactg gcagcaagag acggctacaa actcctaagg aaaaggccca 60

ggctctagaa gacctggctg gctttaaaaga gctcttccag acacgagggtc aactgagga 120

tcaatgacta acgataatac tgccaaagta gcctgcaa 158

<210> 3285

<211> 153

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 3285

ccaanaacag attgctgaat tcaaggaagc cttctcccta tttgataaaag atggcgatgg 60

caccatcaca acaaaggaac ttggaactgt catgagggtca ctgggtcaga acctcacaga 120

agctgaattg caggatatga tcaatgaagt gga 153

<210> 3286

<211> 350

<212> DNA

<213> Homo sapien

<400> 3286

acctagccag ccaacataac atgccttacc ttcctagaac gaaccaccgc tataacgcag 60

accgaaagac gctttattcg cgcacctggt gaagctattg ctccatttgg agccccctata 120

agccgcgaca atccagggag caacacctat agccttcatt acatcgttca acttcacttt 180

gaggtatgct acgtagaaat agatcatgga gccaaagtga gtgcactttg tcaaagttaa 240

gggtctgctt tgttcttgtt gctttttctgt tttttaacct tttgttccgc catttaaaaa 300

aagaaaaaaa aaaagtatat tttcttgcata aatgcagaaa tgttccttcc 350

<210> 3287

<211> 162

<212> DNA

<213> Homo sapien

<400> 3287

```

agctcggtt ttatcttctt ccgtaccact tgacaacccat ggggccctgg tcttctgtac    60
tcaggggctg gtctcccaga gatgggcaaa agccagcttg cccgttttct ttatgcttca    120
agagaaaccc ctcttcttgg gtccagactc tgggtggagt gt                                162

```

<210> 3288

<211> 184

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(184)

<223> n = A,T,C or G

<400> 3288

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cacacatgcc tcatataagt gaatgcttga tgaaaagaag tttaaaaccc accgacctga    60
gagacatgac tattgggcag ctacaagtga tagtcaatga tctccattcc cagatagaag    120
cttgaatgaa gagttgttcc agctgcttct catccgagat gagctgcaca cagagcanga    180
tgcn                                           184

```

<210> 3289

<211> 188

<212> DNA

<213> Homo sapien

<400> 3289

```

cgcactaaga tgttgggata actttcccaa ctccaagttc cagcgaggct aaattggaag    60
agaacagtga tgtgacttct tggtcagaag aaaaacgtga agagaaaatg ctctttaccg    120
gttatcctga ggacagaaaag ttaaaaaaga acaagaagaa ttcccatgaa ggagtttcct    180
ggtttgtt                                           188

```

<210> 3290

<211> 383

<212> DNA

<213> Homo sapien

<400> 3290

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cgttgctgtc gcacacacct gtaatcccag ctaccgggga ggctgaggca ggagaatcgc    60
tagaacctgg gaggcggagg ttgcagtcag ccaagatagc accactgcac tccaggctgg    120
gtgacagagc gagactccat gtcaaaaaaa aaaaaaaggg gggaactcaa attttctttt    180
ttaaggtaat ccccaaaatt ttctccaaaa aaaaaatggt ggtttgggtat tttgaaactt    240
aaaagcagct atgggtaaat ttctgaaata tagcaggaga ccaaaacatg tttggaaaga    300
gaataaatat ttgaagagag acgggtggtt ttattttcaa tgtatggaat atattaaact    360
actattttatt ttctgagggg agg                                           383

```

<210> 3291

<211> 158

<212> DNA

<213> Homo sapien

<400> 3291

ctttcaagac	agcctccctt	tattgaattg	gcattagggg	ataaacaagc	ctttaaacgt	60
gataaaagat	caaaaacctg	gttagacatg	ccagcctttg	caaggcaggt	tatgtaccaa	120
agactaacct	ccaagtggct	ttatggacgc	tgcatatg			158

<210> 3292

<211> 378

<212> DNA

<213> Homo sapien

<400> 3292

ggcacgaggg	aagaatggcc	agattctcct	ctgggaccca	agcacagggg	agcaggtggg	60
caggaccctc	gctggccaca	gcaagtggat	cacaggcctg	agctgggagc	ccctccatgc	120
gaaccctgag	tgccgctatg	tggccagcag	ctccaaggat	ggcagtgtgc	ggatctggga	180
cacaactgca	ggccgctgtg	agcgcctcct	caccgggcac	acccagtcgg	tcacctgtct	240
ccggtgggga	ggggacgggc	ttctctactc	tgctctccag	gaccgcacca	tcaaagtctg	300
gagagctcat	gacggtgtgc	tgtgccggac	tctgcaaggc	cacggccact	gggtgaacac	360
catggccctc	agcactga					378

<210> 3293

<211> 342

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(342)

<223> n = A,T,C or G

<400> 3293

tacggctgcg	agaagacgac	agaaggggaa	acaccgcagt	attgtccaaa	ttattttatga	60
tgagaatcgg	aaaaaagcag	aagaagctca	taaaattttt	gaaggtcttg	gcccaaaagt	120
tgaactgcc	ctgtataacc	agccatcaga	taccaagggtg	taccatgaga	acatcaagac	180
tggagtacct	gcaaggcgca	tgatgaaaaa	ccaggtgatg	aggaaaaaac	tcattttatt	240
ttttaaaaga	agaaatcatg	catgaaaaaca	aagggaaaca	aaaatctgcc	agcgttatga	300
tcagctcatg	gaggcatggg	agaaaaaaagt	ggacagaata	gn		342

<210> 3294

<211> 396

<212> DNA

<213> Homo sapien

<400> 3294

ggcggtcagg	cgccgcttct	ggggagaggc	ctttcttttc	ccctccctcc	cggttcgggtg	60
gcggcggtc	ctcccactgg	gggggggggag	ggacggatat	cttaaaccatc	aaccgccata	120
gagaaaaata	ctgccaaacc	caaaatgaca	taacaagtac	catcaatggg	tccagccatt	180
gcctttggaa	actatagacc	tgggaattcaa	agtggaggaa	ccattgaaca	aaaggctatt	240
aagcggttac	caggcctgaa	ttttgatgat	aatggaaaaa	ggaacaacaa	atttttgagg	300
agggagaag	atcagatttc	aaacgaaaaag	gcacatactt	gcctatgcta	attataaaca	360
caagctctac	cgataaatac	agacatgcc	ccaaat			396

<210> 3295

<211> 187
 <212> DNA
 <213> Homo sapien

<400> 3295
 cattctcgag ggagcgcgag gaatgcctcc gcatgagatc aagtttgctg tccatgtcta 60
 atcgggtgctc aaccgcgtgc cgcagcccga ataccggcag ctgctggagg aagccatcat 120
 ggagctgacg ctgctctcgg acacggagat gaccagcatc gggggcatca tccacgtgga 180
 ccagatc 187

<210> 3296
 <211> 163
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 3296
 aaccttcaac ctgcgcatca ncttcccgcc ggagtatccg ttcaagcctc ccatgatcaa 60
 attcacaacc aagatctacc accccaacgt ggacgagaac ggacagattt gctgcccac 120
 atcagcagtg agaactggaa gccttgacac aagacttgcc aag 163

<210> 3297
 <211> 156
 <212> DNA
 <213> Homo sapien

<400> 3297
 cattgccatc caccgtggga tgccccaaga ggagaggctt tctcggatc agcagtttaa 60
 agattttcaa cgacgaattc ttgtggctac caacctattt ggccgaggca tggacatcga 120
 gcgggtgaac attgctttta attatgacat gcctga 156

<210> 3298
 <211> 345
 <212> DNA
 <213> Homo sapien

<400> 3298
 tactgctgct agaagacgac agaaggggat agtgacgacc tcaagcggca gagtgtcttt 60
 ctggagcagc aagaccgtgc actggagaag gcgaggtcaa gtgcccact gcagaccaac 120
 taccctcct cagacaacag cctctacacc aacgccaagg gcagcaccat ctctgccttc 180
 gatgggggag gtgtgggagg ttttttatcc tttctccgta tgacttcaca ccagatgcta 240
 tctgcctctg gttagcgaatt tctcatttcc tgacaatccg aaaatactat tagtttaccc 300
 ccgtcagcta atcctttctt catcgagtgc cataccccca ctacg 345

<210> 3299
 <211> 422
 <212> DNA

<213> Homo sapien

<400> 3299

ggcgcgaggt	ggctaccata	acgtgccgac	tattgacatc	cacatgaacc	acatcggtt	60
tgagcgggag	tggcacaaat	tctgtctgga	gtacattgcg	cccatgacag	agaagctcta	120
ccccggctac	tacaccaggg	cccaggttga	cctggccttt	gtcgtccgct	acaagcctga	180
tgagcagcac	tttggccagt	ggtctgtgtg	cagcaacaag	gacaaccact	gcccagcagc	240
ctctgggacc	tcgtgggtccc	agggaaaccca	gtccagactc	ctggctgttg	acttcccatt	300
gctcttggag	ccaccaatca	aagagattca	aagagattcc	tgcaggccag	aggcggaaca	360
cacctttatg	gctggagctc	tccgtggtga	tctggaccca	gcctctggag	acaccattca	420
ct						422

<210> 3300

<211> 182

<212> DNA

<213> Homo sapien

<400> 3300

actattaccc	ctagaggtac	aactgtgacc	cctacaaagg	aaactgtatc	ccttggaaag	60
cacacatgag	ctctaggaga	gaaaactgag	atcactgggg	caatgaccat	gacttctgtg	120
gtcatcagtc	catgaccctt	ggagagaaag	ccctgacccc	tgtgggtatc	aatctgtgac	180
ca						182

<210> 3301

<211> 391

<212> DNA

<213> Homo sapien

<400> 3301

gatgggcagc	tttccgactc	ggattccgac	atgacggtcg	cacccagcga	caggccgctg	60
caattgccaa	aagtgcctag	tggcgacagt	gctatgaggg	ccttccagaa	cacggcaact	120
gcatgtgcac	cagtatcaca	ttatcgagct	gttgaaagtg	tggattcaag	tgaagaaagt	180
ttttctgatt	cagatgatga	tagctgtcct	tggaaacgca	aacgacagaa	atgttttaac	240
cctcctccca	aaccagagcc	ttttcagttt	ggccagagca	gtcagaaacc	acctgttgct	300
ggaggaaaga	agattaacaa	catatggggg	gctgtgctgc	aggaacagaa	tcaagatgca	360
gtggccactg	aacttggtat	cttgggaatg	g			391

<210> 3302

<211> 380

<212> DNA

<213> Homo sapien

<400> 3302

ccattcactc	gttcagcaga	cacgcatggt	actgatgctt	tgagttttct	tctgtgggga	60
tttcttttct	ctggactctg	tgcagcccct	gccctccctc	gggtgctgct	ggcctcaaag	120
gaggaaactcg	tggcgggagg	tgtggaatta	ttcacctaag	cctgaccttt	tgtttagttg	180
acagcattgc	tttctgtgtt	gccaatcttg	gtcctatacga	gatgcatagg	aatgagctcg	240
agccttcctc	cttttgcctc	cggatatatt	cttcctcttg	ggaacatgag	tccacttcga	300
actgcttcct	gtagttttgt	ccagctgtat	tggcaacttc	tgcataagga	tcatgagtct	360
gtggaggcac	cgacttctcc					380

<210> 3303
 <211> 175
 <212> DNA
 <213> Homo sapien

<400> 3303
 ggcacgaggc ttttgagacc aggggttgctc tgtctgtgct ccgcctcgcc atgacttcct 60
 acagctatcg ccagtcgtcg gccacgtcgt gcttcggagg cctgggcggc ggctccgtgc 120
 gttttgggcc gggggtcgcc tttcgcgcgc ccagcattca cgggggctcc ggcgg 175

<210> 3304
 <211> 356
 <212> DNA
 <213> Homo sapien

<400> 3304
 tacggctgcg agaagacgac agaagggtaa cacggattct tcacattcta atcctcctga 60
 gtcaaactct gatcctgtcc actcagagtt ctgaaggggg ccagatgttg ggtgcagatg 120
 tagaagcagc cagtcacaga cccattctat gcaatggaca tttatttgaa aaaaattctc 180
 aaaagttttt tttttttttt tggggggggg ggggttttaa gctgttttta cctccgagac 240
 tccactttta agggaccag ggaattaagg catataaaat ttaccccccc aagattaaaa 300
 gccaggaag aggttcaacc catgtgagaa ctgccctcct aggaaagggt ttaagg 356

<210> 3305
 <211> 170
 <212> DNA
 <213> Homo sapien

<400> 3305
 atggataaga acaagatggg cttgaaaggc cctttgaaga cccaatagc agccggggcac 60
 ccatctatga atttactgct gcgcagaaca tttgaccttt actcgaatgt ccgaccctgt 120
 gtttctatcg aaggctatac aaccctttac accgatgtaa atattgtgag 170

<210> 3306
 <211> 413
 <212> DNA
 <213> Homo sapien

<400> 3306
 ggcacgagaa agctttcagg cagagctcag agctgattac tcatcagaga atacatagtg 60
 gagagaaacc ctatgaatgt agtgaatgtg gaaaagcttt cagtttgagc tcaaacctta 120
 tcagacatca gagaattcat agtggggagg aaccttatca gtgtaatgaa tgtggcaaaa 180
 ctttcaaaaag gagctcagcc cttgttcagc atcagagaat tcattctggg gatgaagctt 240
 atatatgtaa tgaatgtggg aaggctttca ggcacagatc ggtccttatg cgccatcaaa 300
 gagtccacac tataaagtaa tttgtgaata ctgtgaatag tgtaaatact tcagtcagat 360
 ttttaagttt gttagtcaaa agagtttact ttggagcaaa actccataaa ggt 413

<210> 3307
 <211> 402
 <212> DNA
 <213> Homo sapien

<400> 3307

ggcacgaggc	aatgtcaagt	ttgtccagga	tacatccaag	ttctggtaca	agccacacct	60
gtcccgtgac	caagccattg	ccctgctgaa	ggacaaggac	cctggggcct	tcctgatcag	120
ggacagtcac	tcattccaag	gagcttatgg	gctggccctc	aaggtggcca	caccgccacc	180
cagtgtccag	ccctggaaa	gggaccccg	ggaacagctg	gtccgccatt	tcctcatcga	240
gactggggcc	aaaggggtga	agatcaagg	ctgccccagt	gagccctact	ttggcagcct	300
gtccgccttg	gtctcccagc	actccatctc	ccccatctcc	ctgccctgct	gcctgcgcac	360
tcccagcaaa	gacccctctg	aagagacccc	agaggctcca	gt		402

<210> 3308

<211> 388

<212> DNA

<213> Homo sapien

<400> 3308

cgcttgctgtc	ggaagcaatg	aatagcatgg	gaggatttgg	aggagtgggc	cgaatgggag	60
agctgtaccg	tgggtgcgatg	actagtagca	tggagcgaga	ttttggacgt	ggtgatattg	120
gaataaatcg	aggcttttga	gattcctttg	gtagacttgg	tgggtggaatg	ggtagcatga	180
acagtgtgac	tggaggaatg	gggatgggac	tggaccggat	gagttccagc	tttgatagaa	240
tgggaccagg	tataggagct	atactggaaa	ggagcatcga	tatggatcga	ggatttttat	300
cgggtccaat	gggaagcgga	atgagagaga	gaataggctc	caaaggcaac	cagatatttg	360
tcagaaatct	accttttgac	ttgacttg				388

<210> 3309

<211> 387

<212> DNA

<213> Homo sapien

<400> 3309

ggcacgaggg	ccagcggtag	caactgtaga	actgcaggag	actatctttc	tagacaaggc	60
agttgaggag	gagggagcgc	ttgaggggga	ctggcctggc	gtgcactccg	cacctcgggg	120
acattattgc	gcgtggaacg	gctgcttttg	gaagactatt	gcccagaaga	aaagatgttt	180
ggttttcaca	agccaaaagat	gtaccgaagt	atagagggct	gctgtatttg	cagagctaag	240
tcctccagtt	ctcgattcac	tgacagtaaa	cgctatgaaa	aggacttcca	gagctgtttt	300
ggattgcatg	agactcgttc	aggagacatc	tgcaatgcct	gtgtcctgct	tgtgaaaaga	360
tggaagaagt	tgccagcagg	atcaaaa				387

<210> 3310

<211> 422

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(422)

<223> n = A,T,C or G

<400> 3310

ggcacgagcg	cgggagttcc	gcaggtttcc	cgtgttcgca	gcggagccgg	aggccagctg	60
aaccgcggcg	tgggatcccc	gataggagga	ggaggggacc	cataggacgc	gttaacatgg	120

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acctggaaaa caaagtgaag aagatgggct taggtcacga gcaaggattt ggagcccctt 180
gtttaaaatg caaagaaaaa tgtgaaggat tcgaactgca cttctggaga aaaatatgtc 240
gtaactgcaa gtgtggccaa gaagagcatg atgtcctctt gagcaatgaa gaggatcgaa 300
aagtgggaaa actttttgaa gacaccaagt ataccactct gattgcaaaa ctaaagtcag 360
atggaattcc catgtataaa cgcaatgtta tgatattgac gaatccagtt gctgccaaga 420
an 422

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<210> 3311

<211> 441

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(441)

<223> n = A,T,C or G

<400> 3311

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aagctactgg ggnnttgcca ggatcccatc gattcgctac accttcccgg ccagcggtag 60
caactgcaga actgcaggag actatctttc tagacaaggc agttgaggag gagggagcgc 120
ttgaggggga ctggcctggc gtgcactccg cacctcgggg acattattgc gcgtggaacg 180
gctgcttttg gaagactatt gcccagaaga aaagatgttt ggttttcaca agccaaagat 240
gtaccgaagt atagagggct gctgtatttg cagagctaag tcctccagtt ctcgattcac 300
tgacagtaaa cgctatgaaa aggacttcca gagctgtttt ggattgcatg agactcgttc 360
aggagacatc tgcaatgcct gtgtcctgct tgtgaaaaga tggaagaagt tgccagcagg 420
atcaaaaaaa aactggaatc a 441

```

<210> 3312

<211> 382

<212> DNA

<213> Homo sapien

<400> 3312

```

ggcacgagat acatttatga tggagaactg ttatcaaaga atggattttt tcagggatat 60
aaccgactga cctggatagt agttgttctt cagtgtcttt ttccttggag ccacacctgt 120
aataacagct acttttttgt atggttatga tcccaaacct gcaggaaatc ccactaaagc 180
atagttgtat actatcttta actggttttt cacgatgggg cactaggaat ctcgacatta 240
atcttgcaca gaggacttct acagagtctg agaagatatc atcatgctga atctgatcat 300
actgtttttt aaaagtttta ggataagaca tgtgtatatg taacaaaaca cattgcatct 360
agaaatcaaa acttgaaagt ag 382

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<210> 3313

<211> 385

<212> DNA

<213> Homo sapien

<400> 3313

```

ggcacgagtg cctttctatg accctgacac cagcatcatt tacttatgtg gaaaggggtga 60
cagcagtatt cgctattttg agatcacgga tgaatccccg tacgtccact acctcaacac 120
attcagcagc aaggagcctc agagaggggat gggttacatg cccaagaggg gacttgatgt 180
taacaaatgt gagattgccca gattccttcaa acttcatgag agaaagtgtg aacctattat 240

```

tatgactgtt	cccaggaagt	ctgacctttt	ccaagatgac	ctgtatcctg	acacagcggg	300
gccagagggc	gcgctggagg	cagaagagtg	gttcgaaggc	aagaatgcag	acccaatcct	360
catctccttg	aagcacgggt	acatt				385

<210> 3314

<211> 456

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(456)

<223> n = A,T,C or G

<400> 3314

ncaggtaaac	tagnnctntg	cgnnncngnca	nnngncaaaa	ngcaggagcc	cattttattct	60
aattcggcac	gaggggaggg	gnnggaatta	ggtttattgt	gnccacgaaa	acggggcnac	120
agaagaggtg	aagatatttg	ttggattaaa	accaataaaa	acaatcctgg	gaagactaag	180
actttagatc	caaaggctgt	ctttcagaga	acaaaggaac	actgcctcat	ggggatcaaa	240
ggaactgtga	agcgtagcac	agacggggac	ttcattcatg	ctaagtgtga	cattgactta	300
attatcacag	aagaacctga	aattggcaat	atagaaaaac	ctgtagaaat	ttttcatata	360
attgagcatt	tttgtcttgg	tagaagacgc	cttcattctat	ttggaagaga	tagtacaatt	420
cgaccaggct	ggctcacagt	tggaccaacg	cttacg			456

<210> 3315

<211> 329

<212> DNA

<213> Homo sapien

<400> 3315

tacggctgcg	agaagacgac	agaaggaagc	gcccgaaccc	gctccatagc	ccgggcgctg	60
gggggttgaa	gcaaacgcac	aagaagtttg	ttctgggaag	gctccggtag	cgaaaaccga	120
acttggggct	ggatatattag	aaaataaagc	attcgcataa	tacaatgaac	tcataatttg	180
gccggatgat	ttgtaggcag	ggacgtttta	gtgtcggttt	tacgagattc	cttgatatat	240
tacagaatta	gagtccagat	ttacaccaaa	aaggaccccc	tttttcctct	ccggaccacg	300
tgaccccgcg	cacgtgacgt	cccctccgg				329

<210> 3316

<211> 414

<212> DNA

<213> Homo sapien

<400> 3316

gaggtgtgca	gcctgggaca	gcaggagcgg	gtccagcttc	aggagtactg	gcggaggggc	60
tggacgttcc	acgccaaagg	tcagttcacc	gggacctgga	ggcccagatt	gcgatcgtga	120
cggagaacca	ggccctgcag	cagcagcttc	accaggagca	agagcagctc	tacctgaggt	180
caggtgtggt	gtcctctgcc	accttcgagc	agccgagtcg	ccaggtgaag	ctgtgggtga	240
agatggtgac	tccactgata	aagaacttct	tctgaggaca	gacaggaatg	gccttgatga	300
agatgacagg	catggccggg	gtcagctctt	tcagccgcgc	ttcagcgatg	actccagtct	360
gggtgtccca	gcgagccctt	gcaggggacag	tatggctgag	ggtcacgtgt	gctg	414

<210> 3317
 <211> 380
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(380)
 <223> n = A,T,C or G

<400> 3317
 ggcacgaggc aaagggagac gtcatttgc actatgggaa ccgaggggag cctgatccta 60
 tcgttttgac gccaggcacc tacgggctga gcaacgcgct gctggagact ccctggagga 120
 agctgtgctt tgggaagcag ctcttcctgg aggctgtgga acggagccag gcgctgcccc 180
 aggatgtgct catcgccagc ctcttgatg tgctcaacaa tgaagaggcg cagctgccag 240
 acccgcccat cgaggaccag ggtggggagt acgtgcagcc catgctgagc aagtacgcgg 300
 ctgtgtgcgt gcgctgccct ggctacggca ccagaaccaa cactatcatc ctggtagatg 360
 cggacggcca cgtgaccttn 380

<210> 3318
 <211> 427
 <212> DNA
 <213> Homo sapien

<400> 3318
 taaaacagac agagataagt acaacagaat atctcgggaa tggactcaga agtatgccat 60
 gtgatgctac cttaaagtca gaataacctg cattatagct ggaataaact ttaaattact 120
 gttccttttt tgattttctt atccggctgc tcccctatca gacctcatct tttttaattt 180
 tattttttgt ttacctccct ccattcattc acatgctcat ctgagaagac ttaagttctt 240
 ccagcttttg acaataactg ctttttagaaa ctgtaaagta gttacaagag aacagttgcc 300
 caagactcac aattttttaa aaaaaatgga gcatgtgtat tatgtggcca atgtcttcac 360
 tctaacttgg ttatgagact aacaccattc ctactgctc taacatgctg aagaaatcat 420
 ctgaggg 427

<210> 3319
 <211> 408
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(408)
 <223> n = A,T,C or G

<400> 3319
 ggcacgaggg tgagccaaga ggcgaccatt gcactccagc ctgggcgaca aaaacgaaac 60
 tccatctcaa aacaaaacaa aacaaaacaa acaaacaaac aaaacttgca tctaaccaaa 120
 aagtcttggg tttatcttaa tccattaaaa agttgttctt tgtttccagc ttgcattgat 180
 tgctacaaca tactaattt ggctttcaca tttaaatggg tctgtgctaa tcaaaacttt 240
 cgttgttatt attcattatg gtagaatcat ttttaattca cgtgctttgt gttcagtttt 300
 gtggtctgag agatgtacca attgtcaa ataccgtgtac cacctaattg ttataggaga 360

aagcaaaata catcagcttg gtagttaaca catcanatat ttcttgct

408

<210> 3320

<211> 393

<212> DNA

<213> Homo sapien

<400> 3320

ggcacgagaa	ggtgttacag	cacatgaagg	ccgtgcaggc	agatcatgag	cggcagaggc	60
agcggcggct	ggaagtataa	cgtgaggcag	agaagaagcg	tgaggctaag	cagcgagcta	120
aggaagctca	tgagcgggaa	ctgcggaagc	gggagaaggc	ggaagagaag	gagcgccgga	180
gaaaggagta	tgatgccctc	aaagcagcca	agcgggagca	ggagaagaaa	cctaagaagg	240
aagcaaatca	ggccccgaaa	tctaagtctg	gctcccgtcc	ccgcaagcca	ccaccccgga	300
agcacactcg	ttcctgggct	gtgctgaagc	tgctgctgct	gctgctgcta	tttgggtgtg	360
cgggagggct	ggttgcttgt	cggggtgacag	agc			393

<210> 3321

<211> 423

<212> DNA

<213> Homo sapien

<400> 3321

ggcacgagac	gacttcttga	acagaaaaca	ctagaaagtc	aaaaaaagaa	gcaacaagat	60
gattctgatg	aatatgatga	tgacgactct	gcagcctcaa	cttcatttca	gccacagcct	120
gttcaacctc	agcaagggtta	tattcctcca	atggcacagc	caggactgcc	accagtacca	180
ggagcaccag	gaatgcctcc	aggcatacct	ccattaatgc	cagggtgtcc	tcctctgatg	240
ccaggaatgc	caccagttat	gccaggcatg	ccacctggat	tgcatcatca	gagaaaatac	300
acccagtcac	tttgcggtga	aaacataatg	atgccaatgg	gtggaatgat	gccacctgga	360
ccaggaatac	cacctctgat	gcctggaatg	ccaccaggta	tgccccacc	tgttccacgt	420
cct						423

<210> 3322

<211> 397

<212> DNA

<213> Homo sapien

<400> 3322

ggcacgaggt	tccacgccaa	aggcctctgt	ttgtacctgg	cgttttcagc	ctgccctgtc	60
tcacgctgat	tggctctcct	aattttgggt	acaggtcagt	tcaccgggac	ctggaggccc	120
agattgcgat	cgtgacggag	aaccaggccc	tgcagcagca	gcttcaccag	gagcaagagc	180
agctctacct	gaggtcaggt	gtggtgtcct	ctgccacctt	cgagcagccg	agtcgccagg	240
tgaagctgtg	ggtgaagatg	gtgactccac	tgatcaagaa	cttcttctga	ggacagacag	300
gaatggcctt	gatgaagatg	acaggcatgg	ccggggctcag	ctcttttcagc	cgcgcttcag	360
cgatgactcc	agtctgggtg	tcccagcgag	cccctgg			397

<210> 3323

<211> 398

<212> DNA

<213> Homo sapien

<220>

1019

<221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 3323

cggttgctgtc	ggatccatcc	tacagatgca	tcctagaata	cgcttccaca	cgggctcttgc	60
ggatgcccac	ctctactgtt	tgaaaaaata	catcgaggat	ttgctaattg	aaaacgggtc	120
aataacttct	atccggagtg	aactgatttc	atatttagtg	agaaaacagc	tttcctcagc	180
ttcctcacia	cagggacgca	gaacaaaaag	aggaggatct	agagaaaaag	gagctgaact	240
ccttatatat	atacagtttt	ataaaagaag	ccaatacact	gaacctggct	ccctatgatg	300
cctgctggaa	tgctgtcgca	ggagacaggt	gggaagactt	gtccagatca	catgtgcgct	360
gctatgtcca	catcatgaaa	gaagggtctt	gctctcgn			398

<210> 3324
 <211> 399
 <212> DNA
 <213> Homo sapien

<400> 3324

ggcacgaggt	tcgttgggag	gtgctgggtt	ttcgctcgtc	gactgcggct	cttcctcggg	60
cagcgggaagc	ggcgcgggcg	tcggagaagt	ggcctaaaac	ttcggcgttg	ggtgaaagaa	120
aatggcccgga	accaagcaga	ctgctcgtaa	gtccaccggg	gggaaagccc	cccgcacaaca	180
gctggccacg	aaagccgcca	ggaaaagcgc	tccctctacc	ggcggggtga	agaagcctca	240
tcgctacagg	cccgggaccg	tggcgcttcg	agagattcgt	cgttatcaga	agtcgaccga	300
gctgctcatc	cgggaagctgc	ccttcagag	ggtggtgagg	gagatcgcg	aagatttcaa	360
aaccgacctg	aggtttcaga	gcgcagccat	cggtgcgct			399

<210> 3325
 <211> 439
 <212> DNA
 <213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(439)
 <223> n = A,T,C or G

<400> 3325

ccttttgata	agnttcgacg	acncccagca	ggancccatg	gagtcgaatt	cggcacgagg	60
ttcttcagca	gaatttgacc	ttcatcacca	tgctcgggga	ggcagacctg	gactttgcaa	120
ggcagtacta	cgagatgctt	tacaacacag	ctgacgagct	cctgaacctg	gtggtggacc	180
aggggtgtgaa	gtacacggag	ctggagtaca	tccacgctct	gacctgctg	caccgcagcc	240
agactggggg	ggggggaactg	accacccaga	acacgaggct	gcagaggctc	aaagagatca	300
tctgcgagca	ggctgccatc	aagcaagcca	ccaaggacaa	gaagataact	accgttttagc	360
agggcgctact	gcgggttggtg	acgggggtcc	cctcagtcac	actcactttt	tttccttggt	420
atgttattga	ggatattct					439

<210> 3326
 <211> 429
 <212> DNA
 <213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 3326

ggcacgagct	ctactcaata	gtccccccag	ctttgtgtgc	tggtctcggg	gcttcatgga	60
gatgaatggg	cggggggagt	tggtggagtc	actcaagaga	ttctgtgctt	ccacgaggct	120
tccccccact	cctctgctgc	tattccctga	ggaagaggcc	accaatggcc	gggaggggct	180
cctgcgcttc	agttcctggc	cattttctat	ccaagatgtg	gtacaacctc	ttaccctgca	240
agttcagaga	cccctgggtc	ctgtgacggg	gtcagatgcc	tcctgggtct	cagaactgct	300
gtgggcactt	ttcgccctt	tcacggngta	atcaagaaag	gtggcttcgt	ccctgtcatc	360
gccactaag	ggaagccaat	gaggaggttg	cacttcgtgt	accacaactt	gtggcccaag	420
aattggccc						429

<210> 3327

<211> 449

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(449)

<223> n = A,T,C or G

<400> 3327

tgtggatccc	agcattcaat	tccgtgctgt	cgaaacaagc	cctgaagttt	gcatgagatg	60
cttcaaactg	aaggcagcca	gtgtgctaaa	acatttataa	atctgatgac	tcatatctgc	120
aaagaacaga	ccgttcagta	tatactaact	atggtggatg	atatgctgca	ggaaaatcat	180
cagcgtgtta	gcattttctt	tgactatgca	agatgtagca	agaacactgc	gtggccctac	240
ttcttgccaa	tgttgaatcg	ccaggatccc	ttcactgttc	atatggcagc	aagaattatt	300
gccaagttag	cagcttgggg	aaaagaactg	atggaaggca	gcgacttaca	ttactatttc	360
aattggataa	aaactcagct	gagttcacag	aaactggcgt	gtancgggtg	tgctgttgaa	420
acaggaacag	tctcttcaag	tgatagttt				449

<210> 3328

<211> 398

<212> DNA

<213> Homo sapien

<400> 3328

ggcacgaggc	tcctcacctt	cagtcaggtc	ccaaccactg	taaagacctc	tggggacggc	60
tgacccaagg	ctggataaat	ccataggtgc	tgccagccca	aggccccagt	cactggagaa	120
aacctcagtt	cccactggcc	tgagacttcc	gccgccagac	agactgtcga	ttactagcag	180
tcccaaacc	cagacttcag	acaggcctac	tgacaaacc	catgcctctt	tgtcccagag	240
actcccacct	cctgagaaag	tactatcagc	tgtggtccag	accctttag	ctaaagaaaa	300
agcactgagg	cctgtggacc	agaatactca	gtcaaaaaat	agagctgctt	tggtgatgga	360
tctcatagac	ctaactctc	gccagaagga	gcgggcag			398

<210> 3329

<211> 426
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 3329
 ggcacgagct ctactcaata gtccccccag ctttgtgtgc tggctctcggg gcttcatgga 60
 gatgaatggg cggcgggagt tggaggagtc actcaagaga ttctgtgctt ccacgaggct 120
 tccccccact cctctgctgc tattccctga ggaagaggcc accaatggcc gggaggggct 180
 cctgcgcttc agttcctggc cattttctat ccaagatgtg ggacaacctc ttaccctgca 240
 agttcagaga cccctgggtc ctgtgacggg gtcagatgcc tcctggggct cagaactgct 300
 gtggtcactt ttcggccctt tcacgggtga tcaagtaagg tggcttcgtc ctgggtcatcg 360
 cccacttngg gaagcgaatg aggaggttgc actccgcgta ccacagctgg tgggccaggg 420
 atttgt 426

<210> 3330
 <211> 399
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 3330
 gccgttgctg tcggccctag aagaggtata cccagacctc actccagaag agaccagaag 60
 aaacagcctt ggaggatgatg tcttatttgt ggggaaacat caccactcc atgacttcat 120
 tttagagctg taccagacag gttccacaga gccagtggag gtacccctg aactatgtca 180
 tgggattcaa ggaaagtgtt ctttgatga agaagccatt cttccagatc aaatagtatg 240
 ttctcctgtt cctatgttaa gggatctgac acagaacact gtagtcagta ttaattttaa 300
 agaccacag tttgctgaag attacatttt taaagctgta atgcttccag gagcaagaaa 360
 gccagcagca gtactgaaac ctagtgactg ggaaaaatn 399

<210> 3331
 <211> 402
 <212> DNA
 <213> Homo sapien

<400> 3331
 cgttgctgtc gagaaatcaa ctgtaagtgc ttatagacat tgtctgtctc tgaggataga 60
 agtatctgcc tgcagccaag acttcatttt gatggcaaat acattgtctg tagttcagca 120
 cttgggtctc accagtggga ctttgccagt tatgatattc tcagggtcat caagactcct 180
 gagatagcaa acttggcctt gcttggcttt ggagatatct ttgccctgct gtttgacaac 240
 cgctacctgt acatcatgga cttgaggaca gagagcctga ttagtcgctg gcctctgcca 300
 gagtacagga aatcaaagag aggtcgaagc ttcctggcag gcgaagcatc ctggctgaat 360
 ggactggatg ggcacaatga cacgggcttg gtctttgcca cc 402

<210> 3332
 <211> 372
 <212> DNA
 <213> Homo sapien

<400> 3332
 tacggctgcg agaagacgac agaaggggaa ggctggaagt acaccttggt ggaggcttca 60
 gtgacgacag gcagttgtca caaaaactca ctcacaaact tcttagtgaa tttgacaggc 120
 aagaagatga cattcactta gtgacattat gtgtgacaga attaaatgac cgggaagaaa 180
 acgaaaacca ctttccagta atatatggca ttgctgtcaa cattaagact gcagagattt 240
 acagagcatc ctttcaagat cgggggtccgg aggagcagct tcgtgctgcg cgaacttttag 300
 caggaggacc aatgattagc atttatgatg cagagacaga gcaacttcgt ataggaccgt 360
 actcctggac cg 372

<210> 3333
 <211> 436
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(436)
 <223> n = A,T,C or G

<400> 3333
 gaacctttga aagangnnnc ttgggatttc cgcaggatcc catcgattcc aagtcggcac 60
 gaggagaaac tccgggtcggg tcagctctcc tacaaagaag atccagtggg atggcaaaga 120
 ttgtttggctc agactgttgc taacaggaac tctgaagccc gggctttcaa gccagaaaca 180
 atctcagcat tcacttctga tccagcactt ttgtcatttg ctgaatattt ctgcaagcca 240
 actgtgaaca tgggtcagaa acaggaaatt ctggatctct tttcttcagt actctatgaa 300
 tgtgttacc caggagacccc agagatgttg cctgcataca tagcaatgga tcaggctata 360
 agaagacttg ggagaagaga aatgtctgag acttctgaac tttggcagat acagatggtg 420
 ttagagtttt tcagct 436

<210> 3334
 <211> 377
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(377)
 <223> n = A,T,C or G

<400> 3334
 tacggctgcg agaagacgac agaaggggaa ggctggaagt acaccttggt ggaggcttca 60
 gtgacgacag gcagttgtca caaaaactca ctcacaaact tcttagtgaa tttgacaggc 120
 aagaagatga cattcactta gtgacattat gtgtgacaga attaaatgac cgggaagaaa 180
 acgaaaacca ctttccagta atatatggca ttgctgtcaa cattaagact gcagagattt 240
 acagagcatc ctttcaagat cgggggtccgg aggagcagct tcgtgctgcg cgaacttttag 300

caggaggacc aatgattagc atttatgatg cagagacaga gcaacttcgt ataggaccgt 360
actcctggac accattn 377

<210> 3335
<211> 408
<212> DNA
<213> Homo sapien

<400> 3335
ggcacgaggc ttcttctcct tggatttgtt taggattcca agtaactctt atttgctcca 60
gtgatccaca agctcagaaa tacatcgagg aaagtaaattg tttagtcatt gaaaaaaatg 120
ggaaattacg atatgaaata gatactggag aagaaacaaa atttgtaac ccagaagatg 180
ttgccagact gatatttagt aaaatgaaag aaacggcaca ttctgtattg ggctcagatg 240
caaagtatgt agttattact gtcccgtttg attttggaga aaagcaaaaa aatgctcttg 300
gagaagcagc tagagctgct ggatttaattg ttttgcgatt aattcacgaa ccgtctgcag 360
ctcttcttgc ttatggaatt ggacaagact cccctactgg aaaaagct 408

<210> 3336
<211> 421
<212> DNA
<213> Homo sapien

<400> 3336
cttttgcaaa aggcggaaat ctgaccctcg gagggaaactt gactgtggcg gttgggccct 60
tggaagga cttggaagga aacgtggccc tgagaagctc cgctgccgtc ttcacgtact 120
gcaagtcaag gggactcttt gcaggcgtgt ctttagaagg gagctgtttg attgaaagga 180
aagaaactaa tagaaaattt tattgtcaag atatccgagc ttatgacatt ttatttggag 240
atacaccgag gctgtctcaa gccgaagatc tttatgaaat tcttgattcc tttactgaaa 300
agtatgaaaa tgaaggacaa cgaatcaatg caagaaaagc agcaaggag cagaggaagt 360
cttctgctaa agaattacct ccaaagccat tgtcaagacc acagcagtca tctgcaccag 420
t 421

<210> 3337
<211> 455
<212> DNA
<213> Homo sapien

<400> 3337
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gatgctgttg tagcttctga agttgtagaa catgtgattg atctagaaac atttttacag 120
tgctgctgtc aagtgttaaa acccgagggt tctttattca ttactacaat caacaaaaca 180
caactttcct atgccttggg aattgttttt tcagagcaca ttgcaggtat tgtaccacaa 240
ggtactcata catgggagaa gtttgtttca cctgaaacac tagagagcat tctggaatca 300
aatgagctgt caggttcaac agtgtgagga atgctctata accccttctc aggttactgt 360
cattggagcg aaaataccag ccttaactat gcagctcatg ctgcgaaatc caggggtccag 420
gaacaccac tctctgctga gtttgtttta caggg 455

<210> 3338
<211> 417
<212> DNA
<213> Homo sapien

<400> 3338

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gctggcagag	ctgaagacct	ccctagcgca	gcacttcaca	gcagggccag	gcagggccag	120
tggagtgacc	tgcctctact	tcgtggagga	gggacagcga	aagactccta	gccaggaggg	180
cctgcccctg	gagcatgtgg	ctggggaccg	gtgcattccac	gaggacctgc	tagggctgac	240
cttccggatc	tctccacacg	ccttcttcca	ggtgaacaca	cccgcagccg	aggtgctcta	300
cacagtcatc	caggactggg	cccaattgga	tgcggggagc	atggtgctgg	acgtgtgctg	360
tggcaccggc	accattggcc	tggccctggc	ccggaaggta	aagaggggtca	ttgtgggt	417

<210> 3339

<211> 414

<212> DNA

<213> Homo sapien

<400> 3339

ggcacgaggg	gaagcccgt	ccttgacaac	tggagagaca	ggttacattc	ccagcaatta	60
tgaggctcca	gctgactcta	tccaggcaga	agagtggtag	tttggaaaac	ttggccgaaa	120
agatgctgag	cgacagctat	tgtcctttgg	aaacccaaga	ggtacctttc	ttatccgcga	180
gagtgaacc	accaaagggtg	cctattcact	ttctatccgt	gattgggatg	atatgaaagg	240
agaccatgtc	aaacattata	aaattcgcaa	acttgacaat	ggtggatact	acattaccac	300
ccgggcccag	tttgaaacac	ttcagcagct	tgtacaacat	tactcagaaa	gctgatgggt	360
tgtgttttaa	cttaactgtg	attgcatcga	gttgtacccc	acaaacttct	ggat	414

<210> 3340

<211> 387

<212> DNA

<213> Homo sapien

<400> 3340

ggcacgagat	caagggtcat	ctcccatagc	tggcagagca	catgaacgac	ctctcagccc	60
tggcgctccg	ctctctctcg	tggttcctga	ccctgttcc	cagcatcatg	cctctagaga	120
gtgcggtgaa	tgtggtagac	tgttcttct	atgatggcat	caaagccatc	ttccagctgg	180
gactggctgt	gcttgaggcc	aatgctgagg	acctgtgcag	cagcaaggat	gatggccagg	240
ccttgatgat	cctcagcagg	tttctagatc	acattaagaa	tgaggacagc	ccagggcctc	300
cagttggcag	ccaccatgcc	ttttctccg	acgaccagga	gccctaccct	gtgactgata	360
tttcggacct	gatccgggat	tcctatg				387

<210> 3341

<211> 415

<212> DNA

<213> Homo sapien

<400> 3341

ggcacgagct	acgggtcccga	ctgtctcgca	tgccaggggc	gatcccagag	gccctgcagc	60
gggaatggcc	actgcagcgg	agatggggagc	agacaggggc	acgggtcctg	ccggtgccac	120
atgggggtacc	agggcccgt	gtgcactgac	tgcattggac	gctacttcag	ctcgctccgg	180
aacgagaccc	acagcatctg	cacagcctgt	gacgagtcct	gcaagacgtg	ctcgggcctg	240
accaacagag	actgcggcga	gtgtgaagtg	ggctgggtgc	tggacgaggg	cgctgtgtg	300
gatgtggacg	agtgtgcggc	cgagccgcct	ccctgcagcg	ctgcgcagtt	ctgtaagaac	360
gccaacggct	cctacacgtg	cgaagagtgt	gactccagct	gtgtgggctg	cacag	415

<210> 3342
 <211> 398
 <212> DNA
 <213> Homo sapien

<400> 3342
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 gctggtggaa tatggccgca accaagattt catgaacgtc tactaccaga tacgctccag 120
 ccagctggac cgctccatca aaggactgaa ggagcatttc cataagagca gttcttcttc 180
 tggggttccc tactcccctg ctatcccca caagaggaaa gacacaccta ccaagaagcc 240
 agtcaagcgg ccagggagag atgacatgct ggacgtggag accgatgcct acatccactg 300
 cgtcagtgcc ttcgtcaagc tggcgagag cgagtaccag ctgctggccg acatcatccc 360
 cgagcaccac cagaagaaga ccttcgactc cctgatac 398

<210> 3343
 <211> 374
 <212> DNA
 <213> Homo sapien

<400> 3343
 ggcacgaggg actaccactg cttccactcc cccaccgact ggactgtgtc ccaccggcgc 60
 cacttcccag gctgcctgat gtcagtgaac cctggcatgg ctgctggat caaagagctc 120
 ttctgccata acgagcgggt ggtcctgacg ggggactgga aacatggctt cttctcactg 180
 acagctgtgg gggccacca cgtgggctcc attcgcatct actttgaccg ggacctgcac 240
 acaaacagcc caaggcacag caagggtcc tacaatgact tcagcttcgt gacgcacacc 300
 aatagagagg gcgtcccat gcgtaagggc gagcacctgg gcgagttcaa cctgggctcc 360
 accatcgtgc tcac 374

<210> 3344
 <211> 405
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 3344
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 tccttgctgg gcatcgtggg ctgcatgggc attggggcca cagtgggtgct gaaatccaag 120
 ttctcggctg gtcagttctg ggaagattgc cagcagcaca gggtagcggg gttccagtac 180
 attggggagc tgtgccgata ccttgtcaac cagccccga gcaaggcaga acgtggccat 240
 aaggtccggc tggcagtggg cagcgggctg cgcccagata cctgggagcg ttttgtgcgg 300
 cgcttcgggc ccctgcaggt gctggagaca tatggactga cagagggcaa cgtggccacc 360
 atcaactaca caggacagcg gngcgtgtg gggcgtgctt cctgg 405

<210> 3345
 <211> 425
 <212> DNA

<213> Homo sapien

<400> 3345

ggcacgagct	tacacctgat	ggcaccaggt	aattttctgac	atttgaagtc	ccacttaatg	60
attcaggatc	tgcaggcctt	ggtgtcagtg	tcaaaggtaa	ccggtcaaaa	gagaaccacg	120
cagatttggg	aatctttgtc	aagtccatta	ttaatggagg	agcagcatct	aaagatggaa	180
ggcttcgggt	gaatgatcaa	ctgatagcag	taaatggaga	atccctgttg	ggcaagacaa	240
accaagatgc	catggaaacc	ctaagaaggt	ctatgtctac	tgaaggcaat	aaacgaggaa	300
tgatccagct	tattgttgca	aggagaataa	gcaagtgcga	tgagctgaag	tcacctggga	360
gccccctgg	acctgagctg	cccattgaaa	cagcgttggg	tgatagagaa	cgaagaattt	420
cccat						425

<210> 3346

<211> 410

<212> DNA

<213> Homo sapien

<400> 3346

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gagaggcccc	tctttctctc	caaccagaa	ctggacaatc	tgatgatcca	ggccatccag	120
gtgctgcggt	tccacctgct	ggagctggag	aagggtccacg	acctgtgcga	caacttctgt	180
caccgctaca	tcacctgcct	caagggaaag	atgcccatcg	acctggtcat	cgaggatcgg	240
gacggcggt	gcagggagga	cttcgaggac	taccagcct	cctgccccag	cctcccagac	300
cagaataata	tgtggattcg	agaccatgag	gatagtgggt	ctgtacattt	ggggacccca	360
ggtccatcca	gtgggggcct	ggcctcccag	agaggggaca	actccagtga		410

<210> 3347

<211> 408

<212> DNA

<213> Homo sapien

<400> 3347

cgccatcttc	atcatgacct	ccaatgtggc	cagcgacgag	atcgcacagc	acgcgctgca	60
gctgaggcag	gaagcttttg	agatgagccg	taaccgtatt	gccgaaaacc	tgggggatgt	120
ccagataagt	gacaagatca	ccatctcaaa	gaacttcaag	gagaatgtga	ttcgccctat	180
cctgaaagct	cacttccgga	gggatgagtt	tctgggacgg	atcaatgaga	tcgtctactt	240
cctccccctc	tgccactcgg	agctcatcca	actcgtcaac	aaggaactaa	acttctgggc	300
caagagagcc	aagcaaaggc	acaacatcac	gctgctctgg	gaccgcgagg	tggcagatgt	360
gctggtcgac	ggctacaatg	tgactatgg	cgcccgcctc	atcaaacg		408

<210> 3348

<211> 417

<212> DNA

<213> Homo sapien

<400> 3348

cgttgctgtc	ggcctaatac	acttcagact	acacaactat	acagaagctt	tggagtcact	60
gcaaaagaaa	accgagattg	cactggaaca	tcccatgtta	acagatatcc	atgacaagct	120
ggtgttgaa	ggtgattttg	atgcttgcca	agagttgatt	gaaaaggctg	ttaatgatgg	180
cttggttcaat	cagtatatca	gtcaacagga	atataagcca	cgatggagtc	aatcattcc	240
caaaagtacc	aaaggatgatg	gggaagataa	ccgtccagga	atgagaggag	gccatcagat	300

ggttattgat gttcaaacag agactgttta tttgtttggt ggctgggatg gaacacaaga 360
tcttgctgac ttctgggcgt acagtgtgaa ggagaaccag tggacatgta tctctag 417

<210> 3349

<211> 426

<212> DNA

<213> Homo sapien

<400> 3349

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aaaacagatt gctccaattg tgtcagcgaa ctatggctct tcctgtagga cgaggaatgt 120
ttaccttggt ttctgacct cctgttccaa cagagccatt gcctattcct aaattgaatc 180
tgactgggcg tgcctctcct cggaacacaa cagtagacct taatagtgga aacatcgatg 240
tgctcccaa catgacaagc tgggccagct ttcataatgg tgtggctgct ggcctgaaga 300
tagctcctgc ctccagatc gactcagctt ggattgttta caataagccc aagcatgctg 360
agttggccaa tgagtatgct ggctttctca tggctctggg tttgaatggg caccttacca 420
agctgg 426

<210> 3350

<211> 461

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(461)

<223> n = A,T,C or G

<400> 3350

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gactacacaa ctatacagaa gcttttgagt cactggggaa gaaaaccaag attgcactgg 120
aacatcccat gttaacagat attcatgaca agctggtggt gaagggtgat tttgatgctt 180
gcgaagagtt gattgaaaag gctgtaaagt atggcttgtt caatcagtat atcagtcaac 240
aggaatataa gccacgatgg agtcaaata tccccaaaag taccaaaagg gatggggaag 300
ataaccgtcc aggaatgaga ggaggccatc agatggttat tgatgttcaa acagagactg 360
tttatttgtt tgggtggctgg gatggaacac aagatcttgc tgacttctgg gcgtacagtg 420
tgaaggagaa ccagtggaca tgtatctcta gagacactga n 461

<210> 3351

<211> 419

<212> DNA

<213> Homo sapien

<400> 3351

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taccgatgct gagtgtgttg aatgtgaacg aggcgtgtgg gaccatggag gcagaatatt 120
cagttgttct ttttgccata actttctctg tgaagatgat caatttgagc atcaagccag 180
ctgccagggt ttagaggcag aaacatttaa atgtgtttca tgcaatcggc ttggtcagca 240
ctcatgtctc cgttgtaagg cttgtttctg tgatgatcat acaaggagca aagtgtttaa 300
gcaagaaaaa ggaaaacagc ctccctgtcc taaatgtggg catgaaactc atgagactaa 360
ggaccttagc atgtcaacac gctccctgaa atttggcagg cagactggag gtgaagagg 419